



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 29, 2026 – 01:24 AM UTC

PDB ID : 4V9Q / pdb_00004v9q
Title : Crystal Structure of Blasticidin S Bound to Thermus Thermophilus 70S Ribosome.
Authors : Svidritskiy, E.; Ling, C.; Ermolenko, D.N.; Korostelev, A.A.
Deposited on : 2013-06-12
Resolution : 3.40 Å(reported)

This is a Full wwPDB X-ray Structure Validation 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/XrayValidationReportHelp>

with specific help available everywhere you see the ⓘ 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 ⓘ](#)) were used in the production of this report:

MolProbity	:	FAILED
Mogul	:	2022.3.0, CSD as543be (2022)
Xtriage (Phenix)	:	2.0
EDS	:	3.0
Buster-report	:	wwPDB partial adaption of 1.1.7 (2018)
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
CCP4	:	9.0.010 (Gargrove)
Density-Fitness	:	1.0.12
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.49

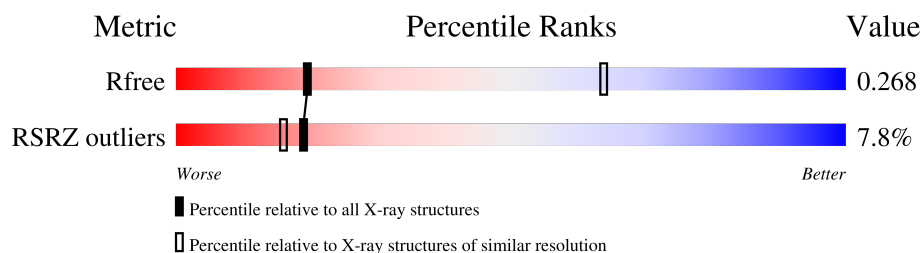
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 3.40 Å.

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	Whole archive (#Entries)	Similar resolution (#Entries, resolution range(Å))
R_{free}	180053	1001 (3.44-3.36)
RSRZ outliers	180081	1001 (3.44-3.36)

MolProbity failed to run properly - the sequence quality summary graphics cannot be shown.

The following table lists non-polymeric compounds, carbohydrate monomers and non-standard residues in protein, DNA, RNA chains that are outliers for geometric or electron-density-fit criteria:

Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
55	MG	AA	4541	-	-	-	X
55	MG	AA	4719	-	-	-	X
55	MG	BA	1615	-	-	-	X
55	MG	BA	1867	-	-	-	X
55	MG	C4	102	-	-	-	X
55	MG	CA	2946	-	-	-	X
55	MG	CA	2951	-	-	-	X
55	MG	CA	3783	-	-	-	X
55	MG	CA	4233	-	-	-	X
55	MG	DA	1638	-	-	-	X
55	MG	DA	1898	-	-	-	X

2 Entry composition

There are 56 unique types of molecules in this entry. The entry contains 293113 atoms, of which 0 are hydrogens and 0 are deuteriums.

In the tables below, the ZeroOcc column contains the number of atoms modelled with zero occupancy, the AltConf column contains the number of residues with at least one atom in alternate conformation and the Trace column contains the number of residues modelled with at most 2 atoms.

- Molecule 1 is a RNA chain called 23S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
1	AA	2832	Total	C	N	O	P	0	0	0
			60991	27143	11396	19620	2832			
1	CA	2832	Total	C	N	O	P	0	0	0
			60991	27143	11396	19620	2832			

There are 8 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
AA	276	C	A	conflict	GB AE017221.1
AA	277	A	C	conflict	GB AE017221.1
AA	1142	U	C	conflict	GB AE017221.1
AA	2825	U	G	conflict	GB AE017221.1
CA	276	C	A	conflict	GB AE017221.1
CA	277	A	C	conflict	GB AE017221.1
CA	1142	U	C	conflict	GB AE017221.1
CA	2825	U	G	conflict	GB AE017221.1

- Molecule 2 is a RNA chain called 5S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
2	AB	119	Total	C	N	O	P	0	0	0
			2555	1136	471	829	119			
2	CB	119	Total	C	N	O	P	0	0	0
			2555	1136	471	829	119			

- Molecule 3 is a protein called 50S ribosomal protein L2.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
3	AD	271	Total	C	N	O	S	0	0	0
			2105	1329	416	357	3			
3	CD	271	Total	C	N	O	S	0	0	0
			2105	1329	416	357	3			

- Molecule 4 is a protein called 50S ribosomal protein L3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
4	AE	204	Total	C	N	O	S	0	0	0
			1564	988	299	271	6			
4	CE	204	Total	C	N	O	S	0	0	0
			1564	988	299	271	6			

- Molecule 5 is a protein called 50S ribosomal protein L4.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
5	AF	202	Total	C	N	O	S	0	0	0
			1587	1011	297	276	3			
5	CF	202	Total	C	N	O	S	0	0	0
			1587	1011	297	276	3			

- Molecule 6 is a protein called 50S ribosomal protein L5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
6	AG	181	Total	C	N	O	S	0	0	0
			1475	943	268	260	4			
6	CG	181	Total	C	N	O	S	0	0	0
			1475	943	268	260	4			

- Molecule 7 is a protein called 50S ribosomal protein L6.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
7	AH	159	Total	C	N	O	S	0	0	0
			1223	773	228	221	1			
7	CH	159	Total	C	N	O	S	0	0	0
			1223	773	228	221	1			

- Molecule 8 is a protein called 50S ribosomal protein L9.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
8	AI	145	Total	C	N	O	S	0	0	0
			1133	724	200	208	1			
8	CI	145	Total	C	N	O	S	0	0	0
			1133	724	200	208	1			

- Molecule 9 is a protein called 50S ribosomal protein L13.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
9	AJ	137	Total	C	N	O	S	0	0	0
			1097	707	205	182	3			
9	CJ	137	Total	C	N	O	S	0	0	0
			1097	707	205	182	3			

- Molecule 10 is a protein called 50S ribosomal protein L14.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
10	AK	122	Total	C	N	O	S	0	0	0
			932	587	171	170	4			
10	CK	122	Total	C	N	O	S	0	0	0
			932	587	171	170	4			

- Molecule 11 is a protein called 50S ribosomal protein L15.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
11	AL	146	Total	C	N	O	S	0	0	0
			1114	692	227	193	2			
11	CL	146	Total	C	N	O	S	0	0	0
			1114	692	227	193	2			

- Molecule 12 is a protein called 50S ribosomal protein L16.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
12	AM	134	Total	C	N	O	S	0	0	0
			1065	680	201	179	5			
12	CM	134	Total	C	N	O	S	0	0	0
			1065	680	201	179	5			

- Molecule 13 is a protein called 50S ribosomal protein L17.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
13	AN	117	Total	C	N	O		0	0	0
			960	599	202	159				
13	CN	117	Total	C	N	O		0	0	0
			960	599	202	159				

- Molecule 14 is a protein called 50S ribosomal protein L18.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
14	AO	98	Total	C	N	O		0	0	0
			771	486	154	131				

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
14	CO	98	Total	C	N	O	0	0	0
			771	486	154	131			

- Molecule 15 is a protein called 50S ribosomal protein L19.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
15	AP	137	Total	C	N	O	S	0	0	0
			1144	713	234	196	1			
15	CP	137	Total	C	N	O	S	0	0	0
			1144	713	234	196	1			

- Molecule 16 is a protein called 50S ribosomal protein L20.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
16	AQ	117	Total	C	N	O	S	0	0	0
			964	610	202	151	1			
16	CQ	117	Total	C	N	O	S	0	0	0
			964	610	202	151	1			

- Molecule 17 is a protein called 50S ribosomal protein L21.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
17	AR	101	Total	C	N	O	S	0	0	0
			779	501	142	135	1			
17	CR	101	Total	C	N	O	S	0	0	0
			779	501	142	135	1			

- Molecule 18 is a protein called 50S ribosomal protein L22.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
18	AS	112	Total	C	N	O	S	0	0	0
			891	560	175	154	2			
18	CS	112	Total	C	N	O	S	0	0	0
			891	560	175	154	2			

- Molecule 19 is a protein called 50S ribosomal protein L23.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
19	AT	92	Total	C	N	O	0	0	0
			726	471	131	124			
19	CT	92	Total	C	N	O	0	0	0
			726	471	131	124			

- Molecule 20 is a protein called 50S ribosomal protein L24.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
20	AU	100	Total	C	N	O	S	0	0	0
			776	500	148	124	4			
20	CU	100	Total	C	N	O	S	0	0	0
			776	500	148	124	4			

- Molecule 21 is a protein called 50S ribosomal protein L25.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
21	AV	187	Total	C	N	O	S	0	0	0
			1483	945	264	272	2			
21	CV	187	Total	C	N	O	S	0	0	0
			1483	945	264	272	2			

- Molecule 22 is a protein called 50S ribosomal protein L27.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
22	AW	76	Total	C	N	O	S	0	0	0
			605	376	126	102	1			
22	CW	76	Total	C	N	O	S	0	0	0
			605	376	126	102	1			

- Molecule 23 is a protein called 50S ribosomal protein L28.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
23	AX	88	Total	C	N	O	0	0	0
			695	435	141	119			
23	CX	88	Total	C	N	O	0	0	0
			695	435	141	119			

- Molecule 24 is a protein called 50S ribosomal protein L29.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
24	AY	62	Total	C	N	O	S	0	0	0
			521	325	102	92	2			
24	CY	62	Total	C	N	O	S	0	0	0
			521	325	102	92	2			

- Molecule 25 is a protein called 50S ribosomal protein L30.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
25	AZ	59	Total	C	N	O	S	0	0	0
			468	298	90	79	1			
25	CZ	59	Total	C	N	O	S	0	0	0
			468	298	90	79	1			

- Molecule 26 is a protein called 50S ribosomal protein L31.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
26	A1	30	Total	C	N	O	S	0	0	0
			226	142	36	44	4			
26	C1	30	Total	C	N	O	S	0	0	0
			226	142	36	44	4			

- Molecule 27 is a protein called 50S ribosomal protein L32.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
27	A2	52	Total	C	N	O	S	0	0	0
			405	255	79	66	5			
27	C2	52	Total	C	N	O	S	0	0	0
			405	255	79	66	5			

- Molecule 28 is a protein called 50S ribosomal protein L33.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
28	A3	44	Total	C	N	O	S	0	0	0
			381	235	77	65	4			
28	C3	44	Total	C	N	O	S	0	0	0
			381	235	77	65	4			

- Molecule 29 is a protein called 50S ribosomal protein L34.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
29	A4	48	Total	C	N	O	S	0	0	0
			419	257	104	56	2			
29	C4	48	Total	C	N	O	S	0	0	0
			419	257	104	56	2			

- Molecule 30 is a protein called 50S ribosomal protein L35.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
30	A5	63	Total	C	N	O	S	0	0	0
			508	326	101	79	2			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
30	C5	63	Total	C	N	O	S	0	0	0
			508	326	101	79	2			

- Molecule 31 is a RNA chain called 16S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
31	BA	1504	Total	C	N	O	P	0	0	0
			32336	14391	5994	10447	1504			
31	DA	1504	Total	C	N	O	P	0	0	0
			32336	14391	5994	10447	1504			

- Molecule 32 is a protein called 30S ribosomal protein S2.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
32	BB	234	Total	C	N	O	S	0	0	0
			1901	1213	341	342	5			
32	DB	234	Total	C	N	O	S	0	0	0
			1901	1213	341	342	5			

- Molecule 33 is a protein called 30S ribosomal protein S3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
33	BC	206	Total	C	N	O	S	0	0	0
			1613	1016	314	282	1			
33	DC	206	Total	C	N	O	S	0	0	0
			1613	1016	314	282	1			

- Molecule 34 is a protein called 30S ribosomal protein S4.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
34	BD	208	Total	C	N	O	S	0	0	0
			1703	1066	339	291	7			
34	DD	208	Total	C	N	O	S	0	0	0
			1703	1066	339	291	7			

- Molecule 35 is a protein called 30S ribosomal protein S5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
35	BE	151	Total	C	N	O	S	0	0	0
			1156	729	218	205	4			
35	DE	151	Total	C	N	O	S	0	0	0
			1156	729	218	205	4			

- Molecule 36 is a protein called 30S ribosomal protein S6.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
36	BF	101	Total	C	N	O	S	0	0	0
			843	531	155	154	3			
36	DF	101	Total	C	N	O	S	0	0	0
			843	531	155	154	3			

- Molecule 37 is a protein called 30S ribosomal protein S7.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
37	BG	155	Total	C	N	O	S	0	0	0
			1257	781	252	218	6			
37	DG	155	Total	C	N	O	S	0	0	0
			1257	781	252	218	6			

- Molecule 38 is a protein called 30S ribosomal protein S8.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
38	BH	138	Total	C	N	O	S	0	0	0
			1116	705	215	193	3			
38	DH	138	Total	C	N	O	S	0	0	0
			1116	705	215	193	3			

- Molecule 39 is a protein called 30S ribosomal protein S9.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
39	BI	127	Total	C	N	O	0	0	0
			1011	639	198	174			
39	DI	127	Total	C	N	O	0	0	0
			1011	639	198	174			

- Molecule 40 is a protein called 30S ribosomal protein S10.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
40	BJ	98	Total	C	N	O	S	0	0	0
			795	499	156	139	1			
40	DJ	98	Total	C	N	O	S	0	0	0
			795	499	156	139	1			

- Molecule 41 is a protein called 30S ribosomal protein S11.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
41	BK	114	Total	C	N	O	S	0	0	0
			843	522	159	159	3			
41	DK	114	Total	C	N	O	S	0	0	0
			843	522	159	159	3			

- Molecule 42 is a protein called 30S ribosomal protein S12.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
42	BL	122	Total	C	N	O	S	0	0	0
			957	603	193	160	1			
42	DL	122	Total	C	N	O	S	0	0	0
			957	603	193	160	1			

- Molecule 43 is a protein called 30S ribosomal protein S13.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
43	BM	117	Total	C	N	O	S	0	0	0
			934	577	192	163	2			
43	DM	117	Total	C	N	O	S	0	0	0
			934	577	192	163	2			

There is a discrepancy between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
BM	118	ALA	-	expression tag	UNP P62655

- Molecule 44 is a protein called 30S ribosomal protein S14.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
44	BN	60	Total	C	N	O	S	0	0	0
			492	312	104	72	4			
44	DN	60	Total	C	N	O	S	0	0	0
			492	312	104	72	4			

- Molecule 45 is a protein called 30S ribosomal protein S15.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
45	BO	88	Total	C	N	O	S	0	0	0
			734	459	147	126	2			
45	DO	88	Total	C	N	O	S	0	0	0
			734	459	147	126	2			

- Molecule 46 is a protein called 30S ribosomal protein S16.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
46	BP	83	Total	C	N	O	S	0	0	0
			701	443	139	118	1			
46	DP	83	Total	C	N	O	S	0	0	0
			701	443	139	118	1			

- Molecule 47 is a protein called 30S ribosomal protein S17.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
47	BQ	99	Total	C	N	O	S	0	0	0
			824	528	152	142	2			
47	DQ	99	Total	C	N	O	S	0	0	0
			824	528	152	142	2			

- Molecule 48 is a protein called 30S ribosomal protein S18.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
48	BR	70	Total	C	N	O	0	0	0
			574	367	112	95			
48	DR	70	Total	C	N	O	0	0	0
			574	367	112	95			

- Molecule 49 is a protein called 30S ribosomal protein S19.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
49	BS	78	Total	C	N	O	S	0	0	0
			630	403	114	111	2			
49	DS	78	Total	C	N	O	S	0	0	0
			630	403	114	111	2			

- Molecule 50 is a protein called 30S ribosomal protein S20.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
50	BT	99	Total	C	N	O	S	0	0	0
			762	469	162	129	2			
50	DT	99	Total	C	N	O	S	0	0	0
			762	469	162	129	2			

- Molecule 51 is a protein called 30S ribosomal protein Thx.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
51	BU	24	Total	C	N	O	0	0	0
			209	128	50	31			

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
51	DU	24	Total	C	N	O	0	0	0
			209	128	50	31			

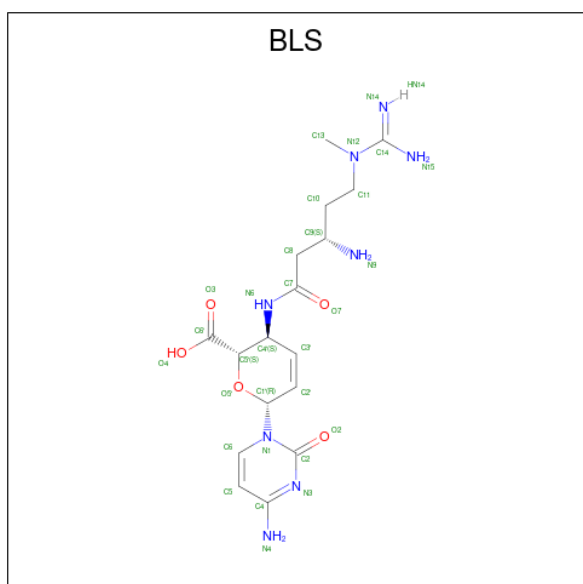
- Molecule 52 is a RNA chain called tRNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
52	BV	77	Total	C	N	O	P	0	0	0
			1640	732	297	535	76			
52	BW	77	Total	C	N	O	P	0	0	0
			1640	732	297	535	76			
52	DV	77	Total	C	N	O	P	0	0	0
			1640	732	297	535	76			
52	DW	77	Total	C	N	O	P	0	0	0
			1640	732	297	535	76			

- Molecule 53 is a RNA chain called mRNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
53	BX	5	Total	C	N	O	P	0	0	0
			109	49	22	33	5			
53	DX	5	Total	C	N	O	P	0	0	0
			109	49	22	33	5			

- Molecule 54 is BLASTICIDIN S (CCD ID: BLS) (formula: C₁₇H₂₆N₈O₅).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
54	AA	1	Total	C	N	O	0	0
			30	17	8	5		
54	CA	1	Total	C	N	O	0	0
			30	17	8	5		

- Molecule 55 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
55	AA	1296	Total	Mg	0	0
			1296	1296		
55	AB	50	Total	Mg	0	0
			50	50		
55	AD	4	Total	Mg	0	0
			4	4		
55	AE	4	Total	Mg	0	0
			4	4		
55	AF	6	Total	Mg	0	0
			6	6		
55	AG	2	Total	Mg	0	0
			2	2		
55	AJ	1	Total	Mg	0	0
			1	1		
55	AK	2	Total	Mg	0	0
			2	2		
55	AL	2	Total	Mg	0	0
			2	2		
55	AM	3	Total	Mg	0	0
			3	3		
55	AN	4	Total	Mg	0	0
			4	4		
55	AO	1	Total	Mg	0	0
			1	1		
55	AP	2	Total	Mg	0	0
			2	2		
55	AR	5	Total	Mg	0	0
			5	5		
55	AS	6	Total	Mg	0	0
			6	6		
55	AV	2	Total	Mg	0	0
			2	2		
55	AX	6	Total	Mg	0	0
			6	6		
55	AY	1	Total	Mg	0	0
			1	1		

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
55	A3	3	Total 3	Mg 3	0	0
55	A4	5	Total 5	Mg 5	0	0
55	A5	2	Total 2	Mg 2	0	0
55	BA	570	Total 570	Mg 570	0	0
55	BB	2	Total 2	Mg 2	0	0
55	BC	3	Total 3	Mg 3	0	0
55	BE	5	Total 5	Mg 5	0	0
55	BG	2	Total 2	Mg 2	0	0
55	BH	1	Total 1	Mg 1	0	0
55	BI	2	Total 2	Mg 2	0	0
55	BL	2	Total 2	Mg 2	0	0
55	BO	1	Total 1	Mg 1	0	0
55	BP	1	Total 1	Mg 1	0	0
55	BQ	2	Total 2	Mg 2	0	0
55	BR	1	Total 1	Mg 1	0	0
55	BT	1	Total 1	Mg 1	0	0
55	BU	1	Total 1	Mg 1	0	0
55	BV	30	Total 30	Mg 30	0	0
55	BW	19	Total 19	Mg 19	0	0
55	CA	1504	Total 1504	Mg 1504	0	0
55	CB	65	Total 65	Mg 65	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
55	CD	6	Total 6	Mg 6	0	0
55	CE	6	Total 6	Mg 6	0	0
55	CF	7	Total 7	Mg 7	0	0
55	CG	1	Total 1	Mg 1	0	0
55	CI	1	Total 1	Mg 1	0	0
55	CJ	2	Total 2	Mg 2	0	0
55	CK	2	Total 2	Mg 2	0	0
55	CL	7	Total 7	Mg 7	0	0
55	CN	3	Total 3	Mg 3	0	0
55	CO	1	Total 1	Mg 1	0	0
55	CP	1	Total 1	Mg 1	0	0
55	CQ	5	Total 5	Mg 5	0	0
55	CR	2	Total 2	Mg 2	0	0
55	CS	4	Total 4	Mg 4	0	0
55	CT	1	Total 1	Mg 1	0	0
55	CV	4	Total 4	Mg 4	0	0
55	CW	4	Total 4	Mg 4	0	0
55	CX	3	Total 3	Mg 3	0	0
55	CY	2	Total 2	Mg 2	0	0
55	C2	2	Total 2	Mg 2	0	0
55	C3	2	Total 2	Mg 2	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
55	C4	4	Total 4	Mg 4	0	0
55	C5	3	Total 3	Mg 3	0	0
55	DA	604	Total 604	Mg 604	0	0
55	DD	2	Total 2	Mg 2	0	0
55	DE	2	Total 2	Mg 2	0	0
55	DG	1	Total 1	Mg 1	0	0
55	DH	3	Total 3	Mg 3	0	0
55	DI	1	Total 1	Mg 1	0	0
55	DJ	1	Total 1	Mg 1	0	0
55	DK	1	Total 1	Mg 1	0	0
55	DL	2	Total 2	Mg 2	0	0
55	DM	1	Total 1	Mg 1	0	0
55	DO	2	Total 2	Mg 2	0	0
55	DQ	1	Total 1	Mg 1	0	0
55	DR	2	Total 2	Mg 2	0	0
55	DT	1	Total 1	Mg 1	0	0
55	DV	24	Total 24	Mg 24	0	0
55	DW	22	Total 22	Mg 22	0	0
55	DX	1	Total 1	Mg 1	0	0

- Molecule 56 is ZINC ION (CCD ID: ZN) (formula: Zn).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
56	BD	1	Total 1	Zn 1	0	0
56	BN	1	Total 1	Zn 1	0	0
56	DD	1	Total 1	Zn 1	0	0
56	DN	1	Total 1	Zn 1	0	0

MolProbity failed to run properly - this section is therefore empty.

3 Data and refinement statistics

Property	Value	Source
Space group	P 21 21 21	Depositor
Cell constants a, b, c, α , β , γ	211.53Å 454.44Å 620.87Å 90.00° 90.00° 90.00°	Depositor
Resolution (Å)	49.98 – 3.40 49.98 – 3.40	Depositor EDS
% Data completeness (in resolution range)	99.8 (49.98-3.40) 99.8 (49.98-3.40)	Depositor EDS
R_{merge}	(Not available)	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.64 (at 3.41Å)	Xtriage
Refinement program	PHENIX (phenix.refine: 1.6.4_486), CNS	Depositor
R, R_{free}	0.231 , 0.268 0.231 , 0.268	Depositor DCC
R_{free} test set	16247 reflections (2.00%)	wwPDB-VP
Wilson B-factor (Å ²)	82.8	Xtriage
Anisotropy	0.105	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.29 , 91.0	EDS
L-test for twinning ²	$\langle L \rangle = 0.43$, $\langle L^2 \rangle = 0.25$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.90	EDS
Total number of atoms	293113	wwPDB-VP
Average B, all atoms (Å ²)	94.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.61% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

²Theoretical values of $\langle |L| \rangle$, $\langle L^2 \rangle$ for acentric reflections are 0.5, 0.333 respectively for untwinned datasets, and 0.375, 0.2 for perfectly twinned datasets.

4 Model quality [i](#)

4.1 Standard geometry [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.2 Too-close contacts [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.3 Torsion angles [i](#)

4.3.1 Protein backbone [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.3.2 Protein sidechains [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.3.3 RNA [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.4 Non-standard residues in protein, DNA, RNA chains [i](#)

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

4.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

4.6 Ligand geometry [i](#)

Of 4369 ligands modelled in this entry, 4367 are monoatomic - leaving 2 for Mogul analysis.

In the following table, the Counts columns list the number of bonds (or angles) for which Mogul statistics could be retrieved, the number of bonds (or angles) that are observed in the model and the number of bonds (or angles) that are defined in the Chemical Component Dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond

length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
54	BLS	CA	4405	-	30,31,31	3.13	12 (40%)	30,43,43	2.14	6 (20%)
54	BLS	AA	4001	-	30,31,31	3.12	12 (40%)	30,43,43	2.19	5 (16%)

In the following table, the Chirals column lists the number of chiral outliers, the number of chiral centers analysed, the number of these observed in the model and the number defined in the Chemical Component Dictionary. Similar counts are reported in the Torsion and Rings columns. '-' means no outliers of that kind were identified.

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
54	BLS	CA	4405	-	-	9/25/38/38	0/2/2/2
54	BLS	AA	4001	-	-	9/25/38/38	0/2/2/2

All (24) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
54	AA	4001	BLS	C14-N12	8.93	1.54	1.35
54	CA	4405	BLS	C14-N12	8.87	1.54	1.35
54	AA	4001	BLS	C7-N6	7.13	1.49	1.34
54	CA	4405	BLS	C7-N6	7.07	1.49	1.34
54	CA	4405	BLS	C4-N4	5.68	1.47	1.33
54	AA	4001	BLS	C4-N4	5.66	1.47	1.33
54	AA	4001	BLS	C11-N12	4.80	1.56	1.47
54	CA	4405	BLS	C3'-C2'	4.79	1.48	1.33
54	AA	4001	BLS	C3'-C2'	4.73	1.47	1.33
54	CA	4405	BLS	C11-N12	4.63	1.56	1.47
54	CA	4405	BLS	C13-N12	4.54	1.61	1.45
54	AA	4001	BLS	C13-N12	4.45	1.61	1.45
54	CA	4405	BLS	O5'-C5'	4.08	1.51	1.43
54	AA	4001	BLS	O5'-C5'	3.95	1.51	1.43
54	AA	4001	BLS	C4'-N6	2.76	1.50	1.46
54	CA	4405	BLS	C4'-N6	2.67	1.50	1.46
54	CA	4405	BLS	C1'-N1	-2.64	1.44	1.48
54	AA	4001	BLS	C1'-N1	-2.42	1.44	1.48
54	AA	4001	BLS	C5'-C6'	-2.37	1.48	1.53
54	CA	4405	BLS	C2-N1	-2.37	1.35	1.40
54	AA	4001	BLS	C2-N1	-2.30	1.35	1.40
54	AA	4001	BLS	C4'-C5'	-2.28	1.48	1.53
54	CA	4405	BLS	C5'-C6'	-2.24	1.48	1.53

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Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
54	CA	4405	BLS	C4'-C5'	-2.24	1.48	1.53

All (11) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
54	AA	4001	BLS	C1'-C2'-C3'	-8.92	111.48	122.45
54	CA	4405	BLS	C1'-C2'-C3'	-8.51	111.98	122.45
54	AA	4001	BLS	O3-C6'-C5'	-3.18	109.32	120.81
54	CA	4405	BLS	O3-C6'-C5'	-2.95	110.18	120.81
54	AA	4001	BLS	O4-C6'-O3	2.91	130.67	124.08
54	AA	4001	BLS	C13-N12-C11	2.80	121.48	115.90
54	CA	4405	BLS	C13-N12-C11	2.80	121.48	115.90
54	CA	4405	BLS	O4-C6'-O3	2.80	130.43	124.08
54	AA	4001	BLS	C3'-C4'-N6	-2.28	106.24	110.44
54	CA	4405	BLS	C3'-C4'-N6	-2.21	106.37	110.44
54	CA	4405	BLS	C4'-C3'-C2'	-2.02	112.73	120.16

There are no chirality outliers.

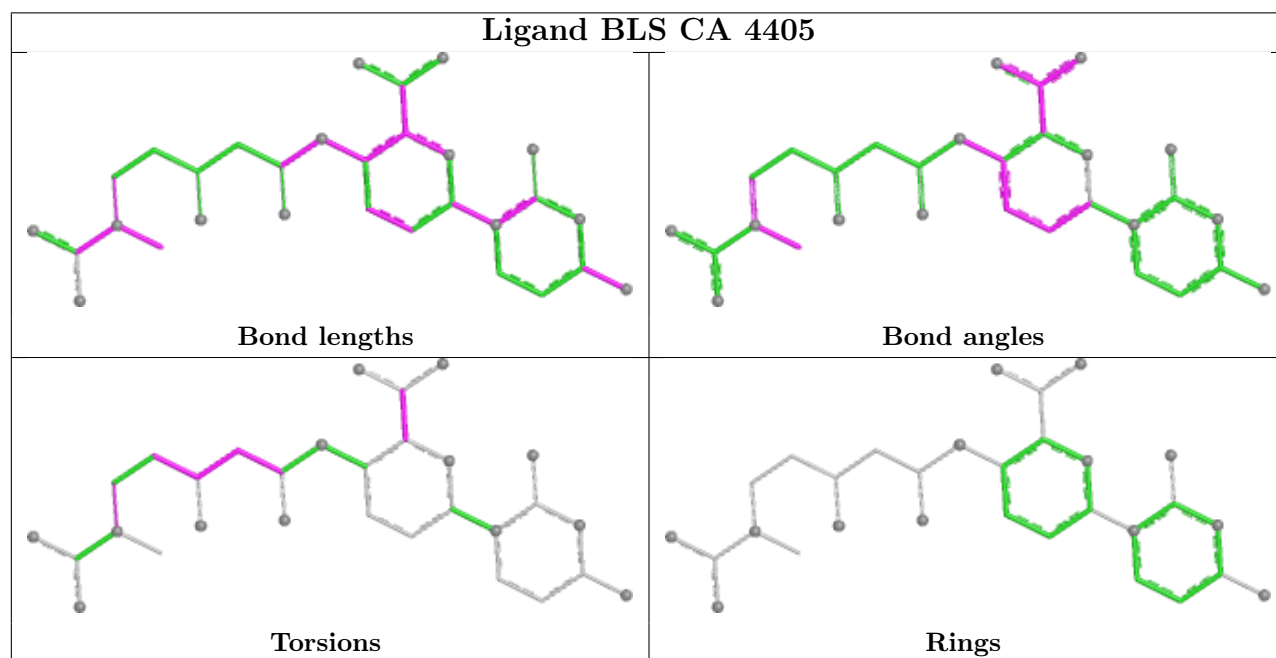
All (18) torsion outliers are listed below:

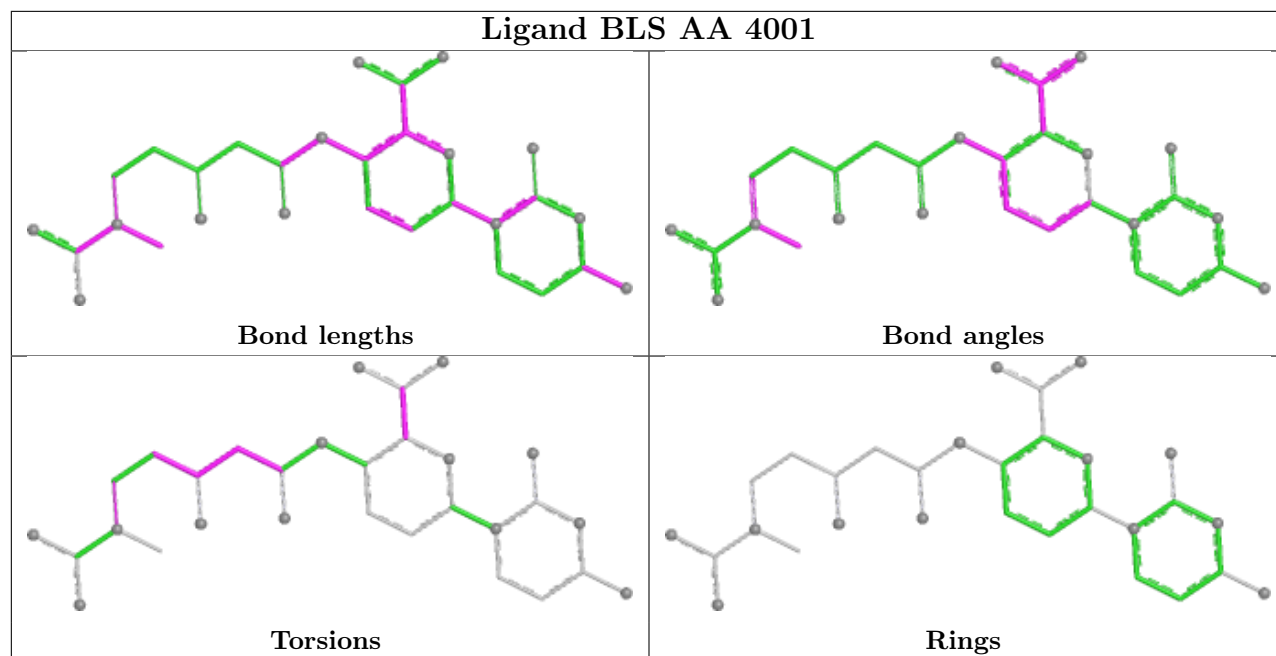
Mol	Chain	Res	Type	Atoms
54	AA	4001	BLS	C10-C11-N12-C13
54	AA	4001	BLS	C10-C11-N12-C14
54	CA	4405	BLS	C10-C11-N12-C13
54	CA	4405	BLS	C10-C11-N12-C14
54	AA	4001	BLS	N6-C7-C8-C9
54	CA	4405	BLS	N6-C7-C8-C9
54	AA	4001	BLS	C11-C10-C9-C8
54	CA	4405	BLS	C11-C10-C9-C8
54	AA	4001	BLS	O7-C7-C8-C9
54	CA	4405	BLS	O7-C7-C8-C9
54	AA	4001	BLS	C11-C10-C9-N9
54	CA	4405	BLS	C11-C10-C9-N9
54	AA	4001	BLS	C7-C8-C9-N9
54	CA	4405	BLS	C7-C8-C9-N9
54	AA	4001	BLS	O5'-C5'-C6'-O4
54	AA	4001	BLS	O5'-C5'-C6'-O3
54	CA	4405	BLS	O5'-C5'-C6'-O4
54	CA	4405	BLS	O5'-C5'-C6'-O3

There are no ring outliers.

No monomer is involved in short contacts.

The following is a two-dimensional graphical depiction of Mogul quality analysis of bond lengths, bond angles, torsion angles, and ring geometry for all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the validation Tables will also be included. For torsion angles, if less than 5% of the Mogul distribution of torsion angles is within 10 degrees of the torsion angle in question, then that torsion angle is considered an outlier. Any bond that is central to one or more torsion angles identified as an outlier by Mogul will be highlighted in the graph. For rings, the root-mean-square deviation (RMSD) between the ring in question and similar rings identified by Mogul is calculated over all ring torsion angles. If the average RMSD is greater than 60 degrees and the minimal RMSD between the ring in question and any Mogul-identified rings is also greater than 60 degrees, then that ring is considered an outlier. The outliers are highlighted in purple. The color gray indicates Mogul did not find sufficient equivalents in the CSD to analyse the geometry.





4.7 Other polymers [i](#)

There are no such residues in this entry.

4.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

5 Fit of model and data ⓘ

5.1 Protein, DNA and RNA chains ⓘ

In the following table, the column labelled ‘#RSRZ > 2’ contains the number (and percentage) of RSRZ outliers, followed by percent RSRZ outliers for the chain as percentile scores relative to all X-ray entries and entries of similar resolution. The OWAB column contains the minimum, median, 95th percentile and maximum values of the occupancy-weighted average B-factor per residue. The column labelled ‘Q < 0.9’ lists the number of (and percentage) of residues with an average occupancy less than 0.9.

Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
1	AA	2832/2879 (98%)	-0.07	71 (2%) 58 43	29, 68, 217, 367	0
1	CA	2832/2879 (98%)	-0.17	81 (2%) 53 39	22, 55, 182, 409	0
2	AB	119/119 (100%)	0.37	5 (4%) 40 29	68, 117, 172, 246	0
2	CB	119/119 (100%)	0.22	6 (5%) 34 25	54, 97, 141, 234	0
3	AD	271/271 (100%)	0.36	16 (5%) 28 22	23, 61, 104, 243	0
3	CD	271/271 (100%)	0.19	19 (7%) 22 18	7, 46, 92, 203	0
4	AE	204/204 (100%)	0.45	10 (4%) 35 26	20, 77, 134, 263	0
4	CE	204/204 (100%)	0.25	11 (5%) 31 24	13, 60, 116, 249	0
5	AF	202/202 (100%)	0.28	5 (2%) 58 43	27, 67, 131, 220	0
5	CF	202/202 (100%)	0.17	4 (1%) 65 49	9, 58, 130, 240	0
6	AG	181/181 (100%)	0.82	13 (7%) 21 18	75, 134, 205, 230	0
6	CG	181/181 (100%)	0.87	17 (9%) 14 14	53, 117, 201, 226	0
7	AH	159/159 (100%)	1.21	30 (18%) 3 4	88, 157, 258, 279	0
7	CH	159/159 (100%)	0.68	16 (10%) 12 12	39, 83, 142, 266	0
8	AI	145/145 (100%)	1.42	43 (29%) 1 2	46, 131, 204, 288	0
8	CI	145/145 (100%)	0.86	15 (10%) 12 12	37, 103, 167, 210	0
9	AJ	137/137 (100%)	0.54	6 (4%) 39 28	49, 80, 142, 172	0
9	CJ	137/137 (100%)	0.40	5 (3%) 46 33	28, 62, 113, 213	0
10	AK	122/122 (100%)	0.20	3 (2%) 58 43	30, 68, 109, 168	0
10	CK	122/122 (100%)	0.19	4 (3%) 49 36	21, 60, 105, 134	0
11	AL	146/146 (100%)	1.34	33 (22%) 2 4	19, 91, 177, 263	0
11	CL	146/146 (100%)	1.30	31 (21%) 2 4	17, 80, 168, 236	0
12	AM	134/134 (100%)	0.75	17 (12%) 8 9	41, 82, 166, 289	0
12	CM	134/134 (100%)	0.75	17 (12%) 8 9	26, 68, 159, 293	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
13	AN	117/117 (100%)	0.61	9 (7%) 19 16	19, 72, 139, 184	0
13	CN	117/117 (100%)	0.55	10 (8%) 16 15	16, 60, 111, 207	0
14	AO	98/98 (100%)	1.15	16 (16%) 4 6	63, 120, 186, 243	0
14	CO	98/98 (100%)	1.23	18 (18%) 3 5	63, 97, 157, 178	0
15	AP	137/137 (100%)	0.61	12 (8%) 15 14	41, 82, 160, 246	0
15	CP	137/137 (100%)	0.56	8 (5%) 29 22	30, 74, 184, 271	0
16	AQ	117/117 (100%)	0.41	4 (3%) 48 35	27, 69, 121, 162	0
16	CQ	117/117 (100%)	0.21	7 (5%) 27 21	21, 50, 108, 206	0
17	AR	101/101 (100%)	0.43	3 (2%) 52 39	30, 93, 142, 223	0
17	CR	101/101 (100%)	0.55	10 (9%) 13 12	27, 68, 117, 256	0
18	AS	112/112 (100%)	0.27	5 (4%) 38 28	32, 61, 131, 252	0
18	CS	112/112 (100%)	-0.01	1 (0%) 81 68	20, 48, 102, 203	0
19	AT	92/92 (100%)	0.78	10 (10%) 10 11	38, 81, 117, 172	0
19	CT	92/92 (100%)	0.36	7 (7%) 20 17	23, 58, 107, 160	0
20	AU	100/100 (100%)	1.78	33 (33%) 1 1	49, 97, 234, 307	0
20	CU	100/100 (100%)	1.24	23 (23%) 2 3	32, 75, 247, 286	0
21	AV	187/187 (100%)	0.76	11 (5%) 28 22	61, 121, 189, 251	0
21	CV	187/187 (100%)	0.58	11 (5%) 28 22	36, 113, 183, 227	0
22	AW	76/76 (100%)	0.68	6 (7%) 18 16	40, 74, 133, 245	0
22	CW	76/76 (100%)	0.66	7 (9%) 14 14	36, 70, 138, 207	0
23	AX	88/88 (100%)	1.15	16 (18%) 3 5	28, 69, 147, 186	0
23	CX	88/88 (100%)	1.07	15 (17%) 4 5	25, 59, 136, 242	0
24	AY	62/62 (100%)	1.18	12 (19%) 3 4	49, 98, 175, 228	0
24	CY	62/62 (100%)	0.84	11 (17%) 4 5	20, 69, 165, 252	0
25	AZ	59/59 (100%)	0.52	1 (1%) 69 54	46, 80, 146, 204	0
25	CZ	59/59 (100%)	0.56	5 (8%) 16 15	30, 65, 134, 194	0
26	A1	30/30 (100%)	0.90	2 (6%) 24 19	129, 198, 264, 286	0
26	C1	30/30 (100%)	0.97	3 (10%) 12 12	151, 200, 258, 294	0
27	A2	52/52 (100%)	0.61	6 (11%) 9 10	27, 67, 144, 206	0
27	C2	52/52 (100%)	0.35	2 (3%) 44 31	12, 57, 127, 206	0
28	A3	44/44 (100%)	1.61	16 (36%) 1 1	99, 175, 241, 280	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
28	C3	44/44 (100%)	1.68	15 (34%) 1 1	96, 147, 206, 246	0
29	A4	48/48 (100%)	0.50	4 (8%) 17 15	26, 53, 102, 159	0
29	C4	48/48 (100%)	0.08	4 (8%) 17 15	11, 31, 82, 126	0
30	A5	63/63 (100%)	1.19	15 (23%) 2 3	38, 66, 133, 226	0
30	C5	63/63 (100%)	1.10	14 (22%) 2 4	16, 62, 135, 154	0
31	BA	1504/1504 (100%)	0.25	32 (2%) 63 48	44, 89, 187, 268	0
31	DA	1504/1504 (100%)	0.52	53 (3%) 47 34	41, 108, 215, 364	0
32	BB	234/234 (100%)	0.80	25 (10%) 11 11	65, 131, 205, 270	0
32	DB	234/234 (100%)	0.98	31 (13%) 7 8	83, 146, 214, 282	0
33	BC	206/206 (100%)	0.63	14 (6%) 23 19	68, 121, 178, 219	0
33	DC	206/206 (100%)	0.99	30 (14%) 6 7	70, 145, 214, 286	0
34	BD	208/208 (100%)	0.34	14 (6%) 24 19	25, 79, 128, 152	0
34	DD	208/208 (100%)	1.21	36 (17%) 4 5	48, 115, 180, 240	0
35	BE	151/151 (100%)	0.42	6 (3%) 42 30	44, 84, 135, 189	0
35	DE	151/151 (100%)	0.61	9 (5%) 27 21	51, 101, 161, 233	0
36	BF	101/101 (100%)	0.56	2 (1%) 65 49	56, 99, 141, 177	0
36	DF	101/101 (100%)	0.65	7 (6%) 23 18	45, 87, 140, 166	0
37	BG	155/155 (100%)	0.78	13 (8%) 17 15	69, 123, 171, 218	0
37	DG	155/155 (100%)	0.80	21 (13%) 7 8	75, 128, 179, 227	0
38	BH	138/138 (100%)	0.57	12 (8%) 16 14	56, 86, 136, 184	0
38	DH	138/138 (100%)	0.82	11 (7%) 18 16	53, 101, 149, 194	0
39	BI	127/127 (100%)	1.60	37 (29%) 1 2	67, 148, 212, 269	0
39	DI	127/127 (100%)	1.70	46 (36%) 1 1	82, 157, 214, 266	0
40	BJ	98/98 (100%)	1.40	25 (25%) 1 3	77, 145, 238, 266	0
40	DJ	98/98 (100%)	1.67	30 (30%) 1 2	89, 177, 249, 277	0
41	BK	114/114 (100%)	0.54	5 (4%) 39 28	46, 91, 139, 207	0
41	DK	114/114 (100%)	0.63	9 (7%) 18 16	50, 84, 144, 196	0
42	BL	122/122 (100%)	0.73	12 (9%) 13 13	36, 78, 126, 184	0
42	DL	122/122 (100%)	1.52	35 (28%) 1 2	47, 98, 146, 236	0
43	BM	117/117 (100%)	1.11	15 (12%) 7 9	80, 146, 214, 228	0
43	DM	117/117 (100%)	0.96	14 (11%) 9 9	84, 150, 203, 267	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
44	BN	60/60 (100%)	1.15	11 (18%) 3 5	63, 115, 155, 210	0
44	DN	60/60 (100%)	1.58	19 (31%) 1 1	60, 130, 192, 250	0
45	BO	88/88 (100%)	0.47	4 (4%) 38 28	50, 87, 143, 170	0
45	DO	88/88 (100%)	0.46	5 (5%) 29 22	46, 82, 130, 168	0
46	BP	83/83 (100%)	0.55	5 (6%) 27 21	35, 76, 124, 161	0
46	DP	83/83 (100%)	1.55	22 (26%) 1 3	67, 110, 171, 274	0
47	BQ	99/99 (100%)	0.62	3 (3%) 52 39	43, 83, 127, 186	0
47	DQ	99/99 (100%)	0.86	6 (6%) 27 21	57, 93, 134, 200	0
48	BR	70/70 (100%)	0.57	4 (5%) 29 22	45, 95, 159, 191	0
48	DR	70/70 (100%)	0.38	2 (2%) 53 39	49, 92, 161, 188	0
49	BS	78/78 (100%)	1.44	23 (29%) 1 2	103, 145, 213, 240	0
49	DS	78/78 (100%)	1.54	27 (34%) 1 1	93, 158, 216, 254	0
50	BT	99/99 (100%)	1.00	10 (10%) 12 12	42, 95, 175, 218	0
50	DT	99/99 (100%)	1.41	26 (26%) 1 3	66, 122, 199, 230	0
51	BU	24/24 (100%)	2.76	15 (62%) 0 0	107, 163, 225, 270	0
51	DU	24/24 (100%)	3.06	16 (66%) 0 0	73, 151, 199, 257	0
52	BV	77/77 (100%)	0.43	6 (7%) 19 16	80, 135, 208, 244	0
52	BW	77/77 (100%)	0.52	7 (9%) 15 14	71, 190, 252, 308	0
52	DV	77/77 (100%)	0.45	3 (3%) 43 31	77, 122, 191, 213	0
52	DW	77/77 (100%)	0.46	5 (6%) 25 20	62, 173, 228, 302	0
53	BX	5/5 (100%)	1.04	1 (20%) 3 4	72, 73, 112, 168	0
53	DX	5/5 (100%)	1.50	2 (40%) 1 1	65, 67, 128, 182	0
All	All	20540/20634 (99%)	0.46	1596 (7%) 19 16	7, 85, 195, 409	0

All (1596) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
42	DL	27	LYS	9.9
50	BT	9	ASN	9.0
14	CO	85	VAL	8.9
23	AX	30	VAL	8.3
23	CX	30	VAL	8.3
24	AY	3	LEU	8.0
20	AU	3	VAL	7.5

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Mol	Chain	Res	Type	RSRZ
51	DU	23	PRO	7.4
15	CP	106	SER	7.3
39	DI	66	ARG	7.0
20	AU	22	GLY	6.9
23	CX	36	GLY	6.9
3	AD	34	VAL	6.6
20	CU	3	VAL	6.6
12	CM	21	THR	6.5
39	BI	128	ARG	6.5
51	BU	16	GLY	6.4
30	A5	54	GLU	6.4
11	CL	17	LYS	6.4
24	CY	3	LEU	6.4
42	DL	88	ARG	6.3
11	AL	150	ALA	6.3
14	AO	85	VAL	6.3
44	DN	2	ALA	6.2
13	CN	8	ARG	6.2
20	CU	59	GLY	6.2
11	AL	107	LYS	6.2
1	AA	884	C	6.1
6	AG	2	PRO	6.1
14	CO	20	ARG	6.1
14	AO	11	LYS	6.0
20	CU	51	VAL	6.0
12	AM	24	GLY	6.0
23	CX	10	LYS	5.9
20	AU	45	VAL	5.9
50	DT	9	ASN	5.9
23	CX	19	GLN	5.9
1	AA	274	G	5.8
51	BU	6	ARG	5.8
39	BI	75	ASP	5.8
19	CT	68	ARG	5.8
49	DS	81	ARG	5.8
20	CU	17	SER	5.8
44	BN	2	ALA	5.7
29	A4	48	LYS	5.7
8	AI	91	SER	5.7
6	CG	2	PRO	5.7
51	BU	18	TYR	5.7
11	CL	51	PHE	5.6

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Mol	Chain	Res	Type	RSRZ
38	BH	1	MET	5.6
11	AL	51	PHE	5.6
11	CL	15	ARG	5.6
22	CW	13	GLY	5.6
14	CO	11	LYS	5.6
4	AE	151	TYR	5.6
24	CY	16	LEU	5.5
43	BM	99	ARG	5.5
43	BM	94	ARG	5.5
3	CD	33	LEU	5.5
51	BU	23	PRO	5.5
34	DD	4	TYR	5.5
34	DD	32	ALA	5.5
40	DJ	59	SER	5.5
22	AW	74	ARG	5.4
1	CA	2164	C	5.4
1	AA	1026	U	5.4
51	DU	17	THR	5.4
1	CA	2170	A	5.4
20	AU	5	MET	5.4
32	BB	214	ILE	5.4
12	AM	21	THR	5.4
8	AI	39	ALA	5.4
43	BM	102	ARG	5.4
30	A5	34	TRP	5.3
11	CL	68	GLN	5.3
23	AX	19	GLN	5.3
23	AX	10	LYS	5.3
12	CM	90	VAL	5.3
39	DI	36	TYR	5.3
22	AW	13	GLY	5.3
20	CU	47	LYS	5.3
40	DJ	5	ARG	5.2
8	CI	117	GLU	5.2
4	AE	186	GLY	5.2
12	CM	24	GLY	5.2
22	CW	74	ARG	5.1
13	AN	3	HIS	5.1
43	BM	87	TYR	5.1
14	AO	20	ARG	5.1
21	AV	97	GLU	5.1
1	AA	2798	C	5.1

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Mol	Chain	Res	Type	RSRZ
11	AL	76	LYS	5.1
3	CD	40	THR	5.0
14	CO	13	ARG	5.0
3	CD	34	VAL	5.0
38	DH	1	MET	5.0
11	AL	9	ASN	5.0
37	BG	156	TRP	5.0
51	DU	18	TYR	5.0
39	BI	15	ALA	5.0
40	DJ	8	LEU	5.0
51	DU	6	ARG	4.9
30	A5	32	LEU	4.9
3	AD	239	ARG	4.9
31	BA	723	U	4.9
12	CM	139	GLU	4.9
42	BL	88	ARG	4.9
12	AM	19	GLY	4.9
32	DB	141	GLU	4.9
28	C3	42	TRP	4.9
44	BN	30	ALA	4.9
11	AL	110	TYR	4.9
42	BL	27	LYS	4.8
30	C5	54	GLU	4.8
8	CI	91	SER	4.8
43	DM	98	VAL	4.8
42	DL	26	LEU	4.8
6	AG	74	LYS	4.8
46	DP	1	MET	4.8
3	AD	57	GLY	4.7
1	CA	2117	A	4.7
41	DK	25	TYR	4.7
3	CD	239	ARG	4.7
11	AL	68	GLN	4.7
40	BJ	58	ASP	4.7
43	DM	87	TYR	4.7
9	AJ	124	HIS	4.7
30	C5	64	TYR	4.7
20	AU	43	ASN	4.7
49	BS	10	PHE	4.7
1	AA	2170	A	4.7
30	A5	64	TYR	4.6
42	DL	90	LYS	4.6

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Mol	Chain	Res	Type	RSRZ
51	BU	13	ILE	4.6
11	AL	28	GLY	4.6
51	DU	16	GLY	4.6
39	DI	125	TYR	4.6
6	CG	87	PRO	4.6
11	CL	44	GLY	4.6
12	AM	91	GLU	4.6
28	A3	26	ASN	4.6
14	AO	13	ARG	4.5
24	CY	14	ARG	4.5
30	A5	35	GLN	4.5
20	AU	62	GLU	4.5
22	AW	17	GLN	4.5
28	C3	26	ASN	4.5
37	DG	32	ARG	4.5
6	AG	82	LEU	4.5
43	BM	100	GLY	4.5
40	DJ	39	PRO	4.5
44	DN	14	PRO	4.5
32	DB	12	GLU	4.5
11	CL	9	ASN	4.5
33	DC	87	LEU	4.5
13	AN	4	LEU	4.4
3	AD	40	THR	4.4
35	DE	85	GLY	4.4
39	BI	119	ALA	4.4
1	CA	11	G	4.4
7	CH	155	SER	4.4
7	CH	111	HIS	4.4
13	CN	2	ARG	4.4
1	CA	888	C	4.4
31	BA	84	U	4.4
50	BT	25	ARG	4.4
40	DJ	73	ASP	4.4
23	AX	20	ARG	4.3
39	DI	128	ARG	4.3
15	AP	106	SER	4.3
4	CE	151	TYR	4.3
12	AM	139	GLU	4.3
40	DJ	44	VAL	4.3
1	AA	885	C	4.3
37	BG	8	GLU	4.3

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Mol	Chain	Res	Type	RSRZ
52	BV	75	C	4.3
41	DK	11	LYS	4.3
44	BN	17	LYS	4.3
28	C3	23	THR	4.3
33	DC	188	LEU	4.3
3	CD	2	ALA	4.3
6	AG	77	ILE	4.3
49	DS	38	SER	4.3
4	CE	163	GLU	4.3
42	BL	19	LYS	4.2
13	CN	4	LEU	4.2
37	DG	7	ALA	4.2
20	AU	17	SER	4.2
44	DN	32	SER	4.2
17	CR	80	GLN	4.2
1	CA	274	G	4.2
40	BJ	59	SER	4.2
12	AM	90	VAL	4.2
39	BI	47	LEU	4.2
42	DL	31	PHE	4.2
11	CL	27	HIS	4.2
3	CD	236	GLY	4.2
51	DU	2	GLY	4.2
1	CA	790	C	4.2
1	CA	1109	C	4.2
8	AI	72	LEU	4.2
50	DT	14	LYS	4.2
38	BH	99	GLU	4.2
30	C5	34	TRP	4.2
1	CA	1102	C	4.2
30	C5	46	ARG	4.2
8	AI	41	GLU	4.1
40	DJ	58	ASP	4.1
24	CY	15	LYS	4.1
6	AG	87	PRO	4.1
7	AH	12	PRO	4.1
42	BL	25	ALA	4.1
43	DM	100	GLY	4.1
13	AN	10	LEU	4.1
20	AU	49	VAL	4.1
19	CT	3	THR	4.1
22	CW	10	THR	4.1

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Mol	Chain	Res	Type	RSRZ
1	CA	1101	U	4.1
10	AK	45	GLU	4.1
14	AO	12	PHE	4.1
31	BA	86	U	4.1
42	DL	19	LYS	4.1
1	CA	2125	G	4.1
43	DM	102	ARG	4.1
43	BM	19	LEU	4.0
49	BS	4	SER	4.0
49	BS	35	SER	4.0
29	A4	23	ARG	4.0
15	AP	25	GLY	4.0
39	BI	14	VAL	4.0
11	CL	33	ARG	4.0
1	AA	34	C	4.0
7	CH	169	VAL	4.0
20	CU	49	VAL	4.0
52	DW	17(A)	U	4.0
30	C5	62	LEU	4.0
32	DB	152	PHE	4.0
30	C5	32	LEU	4.0
1	CA	2062	A	4.0
33	DC	3	ASN	4.0
6	CG	4	ASP	4.0
29	A4	2	LYS	4.0
20	CU	56	PRO	3.9
43	BM	98	VAL	3.9
43	BM	117	VAL	3.9
23	AX	32	LYS	3.9
29	C4	48	LYS	3.9
42	DL	46	LYS	3.9
46	DP	31	LYS	3.9
1	AA	275	G	3.9
1	CA	2171	A	3.9
39	BI	9	ARG	3.9
50	DT	18	GLN	3.9
6	CG	88	ILE	3.9
40	DJ	38	ILE	3.9
19	CT	65	ARG	3.9
39	BI	126	SER	3.9
17	CR	48	GLY	3.9
1	AA	11	G	3.9

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Mol	Chain	Res	Type	RSRZ
1	AA	2169	A	3.9
40	BJ	55	LYS	3.9
8	AI	119	PRO	3.9
50	DT	104	LEU	3.9
1	CA	2169	A	3.9
1	CA	1104	C	3.9
28	A3	23	THR	3.9
44	BN	13	THR	3.9
34	DD	124	GLY	3.9
50	DT	23	ARG	3.8
7	CH	168	PRO	3.8
40	DJ	74	ILE	3.8
52	DV	75	C	3.8
1	CA	12	U	3.8
1	CA	2165	G	3.8
1	AA	2602	A	3.8
11	AL	27	HIS	3.8
1	AA	2797	U	3.8
7	AH	164	TYR	3.8
13	AN	8	ARG	3.8
37	DG	2	ALA	3.8
33	DC	195	VAL	3.8
41	DK	123	LYS	3.8
1	CA	2135	A	3.8
3	CD	57	GLY	3.8
12	CM	10	ARG	3.8
39	BI	64	THR	3.8
44	DN	13	THR	3.8
51	DU	8	THR	3.8
1	AA	2112	G	3.8
1	CA	2159	G	3.8
20	AU	52	SER	3.8
33	DC	39	ILE	3.8
38	BH	84	ARG	3.8
6	CG	34	LEU	3.8
14	AO	48	LEU	3.8
1	AA	2062	A	3.8
33	BC	15	THR	3.8
1	CA	2111	C	3.7
33	DC	160	ALA	3.7
4	AE	132	HIS	3.7
24	AY	4	SER	3.7

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Mol	Chain	Res	Type	RSRZ
32	DB	101	MET	3.7
1	CA	10	G	3.7
23	CX	20	ARG	3.7
51	DU	9	ARG	3.7
38	BH	2	LEU	3.7
39	DI	103	THR	3.7
1	CA	1026	U	3.7
23	CX	95	LEU	3.7
35	BE	85	GLY	3.7
8	AI	111	PRO	3.7
14	CO	12	PHE	3.7
37	DG	8	GLU	3.7
49	DS	80	TYR	3.7
31	BA	82	U	3.7
13	CN	10	LEU	3.7
49	BS	38	SER	3.7
33	DC	8	ILE	3.7
4	AE	121	ASN	3.7
19	CT	63	LYS	3.7
50	DT	74	LYS	3.7
30	A5	40	GLU	3.7
39	BI	27	THR	3.7
40	BJ	48	THR	3.7
51	BU	15	ARG	3.7
24	CY	2	LYS	3.7
12	CM	88	GLY	3.7
39	DI	72	GLY	3.7
8	AI	36	ALA	3.6
8	CI	122	GLU	3.6
47	BQ	24	GLU	3.6
40	DJ	72	VAL	3.6
51	DU	10	ARG	3.6
21	AV	28	MET	3.6
19	AT	63	LYS	3.6
30	A5	36	LYS	3.6
13	AN	6	SER	3.6
28	A3	12	GLU	3.6
49	BS	81	ARG	3.6
14	CO	54	LEU	3.6
1	CA	2166	G	3.6
39	DI	121	ARG	3.6
1	AA	893	C	3.6

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Mol	Chain	Res	Type	RSRZ
49	BS	80	TYR	3.6
12	AM	79	LEU	3.6
32	BB	222	ILE	3.6
40	DJ	4	ILE	3.6
1	AA	2118	U	3.6
24	AY	25	VAL	3.6
35	DE	81	GLU	3.6
8	AI	1	MET	3.6
40	DJ	7	LYS	3.6
50	DT	64	ASP	3.6
37	DG	5	ARG	3.6
45	DO	86	GLY	3.6
37	BG	7	ALA	3.6
37	DG	22	LEU	3.6
49	DS	79	THR	3.6
50	DT	70	SER	3.6
4	CE	131	ALA	3.5
11	CL	65	ARG	3.5
39	DI	120	ARG	3.5
49	DS	10	PHE	3.5
39	DI	117	HIS	3.5
45	DO	2	PRO	3.5
42	BL	26	LEU	3.5
13	CN	11	ASN	3.5
34	DD	66	ARG	3.5
43	DM	88	ARG	3.5
3	CD	12	SER	3.5
47	DQ	96	GLN	3.5
13	CN	3	HIS	3.5
7	CH	15	VAL	3.5
44	DN	4	LYS	3.5
24	CY	10	LEU	3.5
43	BM	97	PRO	3.5
36	DF	52	ILE	3.5
11	CL	7	ARG	3.5
42	BL	18	ARG	3.5
1	AA	2117	A	3.5
53	DX	14	A	3.5
8	AI	11	ASN	3.5
17	CR	78	LYS	3.5
6	CG	26	GLN	3.5
23	AX	36	GLY	3.5

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Mol	Chain	Res	Type	RSRZ
39	DI	115	GLY	3.5
1	CA	2118	U	3.5
11	AL	33	ARG	3.5
29	C4	23	ARG	3.5
12	CM	80	GLU	3.5
32	BB	12	GLU	3.5
38	DH	99	GLU	3.5
13	AN	11	ASN	3.5
33	BC	3	ASN	3.5
41	DK	117	ASN	3.5
7	AH	64	LEU	3.5
50	BT	12	ALA	3.5
8	AI	109	ILE	3.5
14	AO	39	ILE	3.5
1	CA	1106	G	3.5
20	AU	2	ARG	3.5
34	DD	3	ARG	3.5
24	CY	12	GLU	3.4
31	DA	723	U	3.5
23	AX	23	LYS	3.4
36	DF	92	LYS	3.4
47	DQ	37	LYS	3.4
20	AU	99	CYS	3.4
3	CD	262	ARG	3.4
40	DJ	96	ILE	3.4
1	CA	2173	A	3.4
1	CA	1542	G	3.4
34	BD	21	LEU	3.4
34	DD	2	GLY	3.4
42	DL	18	ARG	3.4
30	C5	63	PRO	3.4
20	CU	52	SER	3.4
46	DP	35	LYS	3.4
27	C2	51	TYR	3.4
20	AU	51	VAL	3.4
44	BN	18	VAL	3.4
3	AD	244	ARG	3.4
41	DK	89	ALA	3.4
8	CI	7	GLU	3.4
7	AH	144	VAL	3.4
8	AI	5	LEU	3.4
39	BI	127	LYS	3.4

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Mol	Chain	Res	Type	RSRZ
39	DI	123	PRO	3.4
1	CA	276	C	3.4
8	AI	81	VAL	3.4
23	AX	14	VAL	3.4
24	AY	24	LEU	3.4
40	BJ	73	ASP	3.4
46	DP	71	ARG	3.4
22	AW	10	THR	3.4
1	CA	1103	A	3.3
31	DA	1280	A	3.3
1	CA	2804	C	3.3
11	CL	25	SER	3.3
16	CQ	58	ARG	3.3
43	DM	99	ARG	3.3
20	CU	91	GLU	3.3
34	BD	26	CYS	3.3
21	CV	179	ASP	3.3
11	CL	120	ALA	3.3
6	CG	77	ILE	3.3
8	AI	38	LEU	3.3
1	CA	6	A	3.3
1	CA	2119	A	3.3
3	AD	171	ASP	3.3
22	CW	73	GLY	3.3
33	DC	23	TYR	3.3
40	BJ	12	ASP	3.3
1	CA	2136	C	3.3
17	CR	36	PRO	3.3
34	DD	112	VAL	3.3
50	BT	21	LYS	3.3
13	CN	6	SER	3.3
1	CA	2126	A	3.3
31	BA	1286	A	3.3
22	CW	41	ARG	3.3
51	BU	17	THR	3.3
7	AH	17	VAL	3.3
39	DI	17	VAL	3.3
42	DL	20	LYS	3.3
4	AE	131	ALA	3.3
32	DB	42	ILE	3.3
47	DQ	58	GLU	3.3
50	DT	60	GLU	3.3

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Mol	Chain	Res	Type	RSRZ
42	DL	28	GLY	3.3
46	BP	11	SER	3.3
12	AM	25	ASP	3.3
49	DS	13	ASP	3.3
32	BB	163	PHE	3.3
8	CI	118	LYS	3.3
39	BI	109	VAL	3.3
2	CB	52	A	3.3
31	BA	1324	A	3.3
1	AA	888	C	3.3
1	AA	1109	C	3.3
8	AI	34	GLY	3.3
39	DI	69	GLY	3.3
22	AW	41	ARG	3.2
8	CI	116	LEU	3.2
30	A5	62	LEU	3.2
37	BG	16	LEU	3.2
11	CL	70	GLN	3.2
39	DI	14	VAL	3.2
39	BI	106	ALA	3.2
49	BS	75	ALA	3.2
1	CA	275	G	3.2
21	AV	80	ARG	3.2
23	AX	61	ARG	3.2
42	DL	30	PRO	3.2
50	DT	24	LEU	3.2
32	DB	95	GLN	3.2
42	DL	91	ASP	3.2
8	AI	120	ILE	3.2
16	CQ	111	GLU	3.2
1	AA	12	U	3.2
37	BG	33	ASP	3.2
52	BW	34	C	3.2
19	AT	68	ARG	3.2
39	DI	119	ALA	3.2
8	AI	16	GLY	3.2
47	DQ	24	GLU	3.2
28	C3	21	TYR	3.2
11	AL	25	SER	3.2
31	DA	1364	U	3.2
1	AA	1103	A	3.2
1	AA	2135	A	3.2

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Mol	Chain	Res	Type	RSRZ
42	DL	71	GLY	3.2
1	CA	2402	C	3.2
23	AX	93	GLU	3.2
39	BI	34	ASN	3.2
13	CN	71	GLN	3.2
17	AR	80	GLN	3.2
30	C5	35	GLN	3.2
8	CI	94	ALA	3.2
3	AD	26	LYS	3.1
41	BK	119	CYS	3.1
40	DJ	71	LEU	3.1
1	AA	896	A	3.1
12	AM	16	ARG	3.1
38	BH	102	ARG	3.1
43	BM	101	GLN	3.1
11	CL	58	THR	3.1
50	DT	19	SER	3.1
52	BW	17(A)	U	3.1
8	CI	92	VAL	3.1
40	BJ	34	VAL	3.1
39	DI	70	LYS	3.1
49	DS	55	LYS	3.1
14	CO	55	ALA	3.1
1	AA	1411	C	3.1
1	AA	2110	G	3.1
1	CA	2112	G	3.1
12	CM	135	ASP	3.1
20	AU	53	PRO	3.1
20	CU	53	PRO	3.1
39	BI	123	PRO	3.1
46	DP	17	TYR	3.1
1	AA	1105	U	3.1
11	CL	107	LYS	3.1
52	BW	36	U	3.1
8	CI	33	ARG	3.1
9	CJ	138	ARG	3.1
11	AL	41	ARG	3.1
32	BB	116	GLU	3.1
37	DG	33	ASP	3.1
40	DJ	70	ARG	3.1
3	CD	26	LYS	3.1
27	A2	51	TYR	3.1

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Mol	Chain	Res	Type	RSRZ
49	DS	53	ASN	3.1
37	BG	2	ALA	3.1
11	AL	70	GLN	3.1
50	DT	20	LEU	3.1
32	DB	107	THR	3.1
34	DD	109	GLY	3.1
33	DC	207	VAL	3.1
11	AL	17	LYS	3.1
21	CV	181	GLU	3.1
35	BE	81	GLU	3.1
39	BI	18	PHE	3.1
36	DF	55	ASP	3.1
20	CU	99	CYS	3.1
27	A2	2	ALA	3.0
38	DH	15	ASN	3.0
1	CA	2155	G	3.0
5	CF	131	GLY	3.0
11	AL	77	ARG	3.0
19	AT	60	ARG	3.0
6	AG	28	VAL	3.0
14	CO	29	PHE	3.0
38	DH	31	PHE	3.0
46	DP	12	LYS	3.0
14	AO	52	SER	3.0
14	CO	43	GLU	3.0
39	DI	126	SER	3.0
12	CM	7	MET	3.0
18	AS	63	ASP	3.0
3	AD	33	LEU	3.0
28	A3	34	LEU	3.0
43	DM	118	ALA	3.0
11	AL	19	VAL	3.0
44	DN	17	LYS	3.0
8	AI	88	ILE	3.0
40	DJ	6	ILE	3.0
1	AA	2165	G	3.0
46	DP	32	TYR	3.0
33	BC	151	VAL	3.0
1	CA	885	C	3.0
15	AP	109	GLU	3.0
40	DJ	98	ILE	3.0
8	CI	68	LEU	3.0

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Mol	Chain	Res	Type	RSRZ
13	AN	65	LEU	3.0
34	BD	32	ALA	3.0
37	DG	151	TYR	3.0
16	CQ	91	ASP	3.0
17	CR	68	LYS	3.0
20	AU	88	LYS	3.0
33	DC	13	GLY	3.0
1	CA	2133	G	3.0
47	BQ	93	GLN	3.0
4	CE	121	ASN	3.0
15	AP	1	MET	3.0
28	C3	31	PRO	3.0
39	BI	19	LEU	3.0
3	CD	244	ARG	3.0
33	DC	190	ARG	3.0
32	DB	148	TYR	3.0
4	CE	127	ASP	3.0
22	AW	76	GLY	3.0
49	DS	41	VAL	3.0
39	DI	29	ASN	3.0
20	AU	67	LEU	2.9
49	BS	71	LEU	2.9
30	C5	40	GLU	2.9
40	DJ	61	GLU	2.9
49	DS	76	PRO	2.9
50	DT	83	ARG	2.9
51	DU	14	TRP	2.9
20	AU	47	LYS	2.9
39	DI	116	LYS	2.9
39	BI	36	TYR	2.9
45	DO	69	TYR	2.9
49	DS	35	SER	2.9
53	BX	14	A	2.9
40	DJ	47	PHE	2.9
1	CA	1100	C	2.9
20	AU	61	ILE	2.9
32	BB	200	ILE	2.9
44	DN	35	ARG	2.9
49	DS	37	ARG	2.9
32	BB	97	TRP	2.9
4	CE	115	GLY	2.9
11	AL	109	GLY	2.9

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Mol	Chain	Res	Type	RSRZ
1	AA	883	G	2.9
1	CA	508	G	2.9
46	DP	13	HIS	2.9
40	DJ	45	ARG	2.9
11	AL	30	THR	2.9
32	DB	27	LYS	2.9
33	DC	4	LYS	2.9
42	BL	90	LYS	2.9
34	DD	7	PRO	2.9
4	AE	204	ALA	2.9
47	BQ	58	GLU	2.9
42	BL	94	GLY	2.9
11	CL	18	ARG	2.9
41	DK	12	ARG	2.9
49	BS	49	ILE	2.9
49	DS	71	LEU	2.9
30	A5	29	LYS	2.9
42	DL	16	LYS	2.9
39	BI	7	THR	2.9
1	AA	2125	G	2.9
20	AU	29	GLU	2.9
24	AY	27	GLU	2.9
31	BA	1224	G	2.9
42	DL	36	CYS	2.9
42	DL	109	VAL	2.9
1	CA	2477	C	2.9
31	DA	1361(B)	C	2.9
31	BA	85	U	2.9
51	DU	21	TYR	2.9
11	AL	65	ARG	2.9
40	BJ	43	ARG	2.9
51	BU	9	ARG	2.9
20	CU	90	LEU	2.9
24	CY	22	GLU	2.9
28	C3	20	ASN	2.9
35	BE	83	GLU	2.9
51	BU	14	TRP	2.9
11	AL	71	VAL	2.9
34	BD	112	VAL	2.9
11	CL	28	GLY	2.9
20	AU	59	GLY	2.9
30	C5	57	ARG	2.9

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Mol	Chain	Res	Type	RSRZ
33	DC	185	GLY	2.9
33	DC	193	TYR	2.9
35	BE	22	GLY	2.9
37	DG	6	ARG	2.9
1	AA	2807	G	2.9
6	CG	82	LEU	2.9
7	AH	138	LYS	2.9
30	C5	36	LYS	2.9
31	BA	87	A	2.9
14	AO	58	LEU	2.9
34	DD	181	MET	2.9
40	BJ	38	ILE	2.9
40	BJ	98	ILE	2.9
40	DJ	65	LEU	2.9
49	DS	69	HIS	2.8
37	BG	11	GLN	2.8
52	DV	1	C	2.8
3	CD	27	THR	2.8
32	DB	194	PRO	2.8
26	A1	36	VAL	2.8
39	BI	29	ASN	2.8
39	DI	109	VAL	2.8
11	AL	7	ARG	2.8
6	CG	90	LEU	2.8
34	DD	155	LEU	2.8
40	DJ	40	LEU	2.8
41	BK	25	TYR	2.8
1	CA	1105	U	2.8
31	BA	306	G	2.8
31	DA	306	G	2.8
42	DL	124	PRO	2.8
38	BH	73	ASP	2.8
38	DH	3	THR	2.8
44	BN	22	THR	2.8
1	AA	2402	C	2.8
1	CA	273(G)	C	2.8
15	CP	112	ARG	2.8
32	BB	165	VAL	2.8
34	DD	122	ARG	2.8
39	BI	44	VAL	2.8
5	CF	65	TRP	2.8
3	AD	39	LYS	2.8

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Mol	Chain	Res	Type	RSRZ
15	AP	104	ASN	2.8
4	CE	186	GLY	2.8
28	A3	9	LEU	2.8
33	BC	5	ILE	2.8
34	BD	19	LEU	2.8
49	DS	15	LEU	2.8
51	DU	19	GLY	2.8
11	CL	110	TYR	2.8
36	DF	53	ALA	2.8
42	DL	55	ALA	2.8
50	BT	77	ALA	2.8
10	AK	17	ARG	2.8
12	AM	10	ARG	2.8
30	A5	46	ARG	2.8
7	AH	50	VAL	2.8
8	AI	7	GLU	2.8
8	AI	117	GLU	2.8
39	DI	105	ASP	2.8
41	BK	11	LYS	2.8
1	CA	2167	U	2.8
14	AO	54	LEU	2.8
23	AX	85	LEU	2.8
34	DD	69	GLY	2.8
49	DS	68	GLY	2.8
1	AA	530	G	2.8
31	DA	43	C	2.8
34	DD	9	CYS	2.8
11	AL	79	ARG	2.8
23	CX	21	ARG	2.8
11	CL	64	LYS	2.8
32	DB	81	VAL	2.8
42	BL	46	LYS	2.8
51	BU	12	LYS	2.8
39	BI	50	LEU	2.8
39	DI	102	LEU	2.8
49	DS	12	ASP	2.8
51	DU	5	ASP	2.8
1	AA	271(D)	U	2.8
1	AA	2171	A	2.8
31	DA	1492	A	2.8
39	BI	62	TYR	2.8
20	AU	76	CYS	2.8

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Mol	Chain	Res	Type	RSRZ
34	DD	31	CYS	2.8
7	AH	101	ARG	2.8
13	AN	2	ARG	2.8
2	AB	88	C	2.8
12	CM	12	GLN	2.8
31	DA	1369	C	2.8
1	AA	615	G	2.8
16	CQ	90	VAL	2.8
34	BD	29	PRO	2.8
44	DN	18	VAL	2.8
44	DN	25	VAL	2.8
52	BW	19	G	2.8
23	AX	38	SER	2.8
33	DC	33	LEU	2.8
39	DI	47	LEU	2.8
47	DQ	99	SER	2.8
49	DS	16	LEU	2.8
11	AL	74	GLU	2.8
20	AU	44	ILE	2.8
23	AX	13	ILE	2.8
11	AL	5	ASP	2.7
32	DB	195	ASP	2.7
16	AQ	58	ARG	2.7
30	A5	57	ARG	2.7
43	BM	93	ARG	2.7
46	DP	55	ARG	2.7
47	DQ	91	ARG	2.7
3	AD	38	LYS	2.7
3	CD	38	LYS	2.7
42	DL	50	ALA	2.7
28	A3	13	CYS	2.7
1	AA	270(L)	C	2.7
1	AA	790	C	2.7
49	DS	49	ILE	2.7
49	BS	39	THR	2.7
1	AA	2124	G	2.7
3	AD	200	ASP	2.7
31	BA	81	G	2.7
32	DB	193	ASP	2.7
42	DL	63	TYR	2.7
28	C3	34	LEU	2.7
7	AH	123	PHE	2.7

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Mol	Chain	Res	Type	RSRZ
23	CX	27	GLU	2.7
39	DI	110	GLU	2.7
15	CP	25	GLY	2.7
39	DI	7	THR	2.7
34	BD	73	ARG	2.7
50	DT	80	ARG	2.7
34	DD	30	LYS	2.7
38	BH	4	ASP	2.7
32	BB	218	ALA	2.7
7	AH	169	VAL	2.7
34	DD	8	VAL	2.7
1	CA	7	G	2.7
37	DG	110	GLN	2.7
42	DL	47	PRO	2.7
7	AH	100	GLY	2.7
11	AL	104	GLY	2.7
34	BD	156	GLU	2.7
19	CT	60	ARG	2.7
42	DL	120	GLY	2.7
12	AM	130	LYS	2.7
33	DC	15	THR	2.7
1	CA	271(D)	U	2.7
14	CO	36	TYR	2.7
26	C1	51	TYR	2.7
15	CP	105	LEU	2.7
28	A3	36	LEU	2.7
35	DE	91	LEU	2.7
1	AA	2136	C	2.7
31	DA	979	C	2.7
32	DB	200	ILE	2.7
39	DI	63	ILE	2.7
39	BI	33	PHE	2.7
49	BS	74	PHE	2.7
19	AT	72	LYS	2.7
50	BT	29	LYS	2.7
1	CA	2334	G	2.7
7	AH	56	SER	2.7
8	AI	44	LEU	2.7
20	CU	45	VAL	2.7
7	AH	72	ILE	2.6
40	BJ	77	PRO	2.6
40	BJ	47	PHE	2.6

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Mol	Chain	Res	Type	RSRZ
16	AQ	22	LYS	2.6
23	CX	32	LYS	2.6
51	BU	3	LYS	2.6
3	AD	236	GLY	2.6
6	CG	89	GLY	2.6
13	CN	106	GLY	2.6
20	CU	79	CYS	2.6
44	DN	61	TRP	2.6
11	CL	134	ALA	2.6
44	BN	33	VAL	2.6
18	CS	22	ASP	2.6
31	DA	1002	G	2.6
9	AJ	132	LYS	2.6
17	CR	84	LYS	2.6
20	AU	8	LYS	2.6
38	BH	69	ARG	2.6
40	BJ	46	ARG	2.6
36	BF	18	GLN	2.6
41	BK	117	ASN	2.6
46	BP	27	LYS	2.6
3	CD	235	GLY	2.6
39	BI	72	GLY	2.6
51	BU	19	GLY	2.6
1	CA	2602	A	2.6
2	AB	52	A	2.6
7	CH	116	GLU	2.6
11	AL	136	GLU	2.6
48	BR	83	GLU	2.6
52	BV	76	A	2.6
49	BS	79	THR	2.6
49	DS	75	ALA	2.6
14	CO	27	SER	2.6
31	BA	1027(C)	C	2.6
35	BE	27	ARG	2.6
32	BB	152	PHE	2.6
33	DC	10	PHE	2.6
13	AN	69	ASP	2.6
24	CY	9	GLN	2.6
28	A3	20	ASN	2.6
34	DD	119	GLN	2.6
7	AH	159	GLU	2.6
8	CI	81	VAL	2.6

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Mol	Chain	Res	Type	RSRZ
11	AL	58	THR	2.6
35	BE	21	ALA	2.6
34	BD	12	CYS	2.6
1	CA	277	A	2.6
7	AH	60	ARG	2.6
23	CX	50	ARG	2.6
31	DA	1252	A	2.6
31	DA	1493	A	2.6
44	DN	31	ARG	2.6
30	C5	58	ILE	2.6
49	BS	70	LYS	2.6
40	BJ	62	HIS	2.6
43	DM	21	TYR	2.6
32	BB	131	PRO	2.6
41	DK	121	PRO	2.6
45	BO	2	PRO	2.6
1	CA	884	C	2.6
31	DA	1249	C	2.6
7	CH	14	GLY	2.6
3	CD	30	GLU	2.6
33	DC	91	LEU	2.6
33	DC	175	LEU	2.6
49	BS	30	LEU	2.6
7	AH	49	VAL	2.6
42	DL	65	VAL	2.6
1	AA	2506	U	2.6
15	AP	3	ARG	2.6
23	CX	61	ARG	2.6
28	A3	30	THR	2.6
28	A3	42	TRP	2.6
43	BM	116	THR	2.6
17	CR	70	ILE	2.6
1	CA	2156	G	2.6
3	AD	12	SER	2.6
21	AV	95	PRO	2.6
42	BL	93	PRO	2.6
46	DP	41	PRO	2.6
1	CA	896	A	2.6
10	CK	36	GLY	2.6
37	DG	81	GLY	2.6
4	AE	60	ASN	2.6
50	DT	75	ASN	2.6

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Mol	Chain	Res	Type	RSRZ
1	AA	2145	C	2.6
15	AP	11	GLU	2.6
7	CH	60	ARG	2.6
8	AI	83	ALA	2.6
8	AI	92	VAL	2.6
8	CI	87	LYS	2.6
29	C4	47	ARG	2.6
34	DD	118	ARG	2.6
37	DG	9	VAL	2.6
43	DM	94	ARG	2.6
50	BT	14	LYS	2.6
40	BJ	54	PHE	2.5
28	C3	13	CYS	2.5
31	BA	1281	U	2.5
49	DS	30	LEU	2.5
3	AD	262	ARG	2.5
11	CL	47	ASP	2.5
52	BW	18	G	2.5
31	BA	977	A	2.5
31	BA	1183	A	2.5
4	AE	24	THR	2.5
1	AA	2477	C	2.5
31	BA	1325	C	2.5
31	DA	980	C	2.5
7	CH	12	PRO	2.5
37	BG	85	TYR	2.5
39	BI	125	TYR	2.5
49	DS	59	PRO	2.5
32	BB	215	LEU	2.5
34	DD	135	LEU	2.5
11	CL	41	ARG	2.5
50	BT	74	LYS	2.5
12	CM	48	GLU	2.5
41	DK	21	ILE	2.5
14	CO	21	THR	2.5
20	CU	5	MET	2.5
27	A2	39	MET	2.5
43	DM	116	THR	2.5
20	AU	60	PHE	2.5
20	AU	89	PHE	2.5
1	AA	2629	A	2.5
1	CA	361	G	2.5

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Mol	Chain	Res	Type	RSRZ
1	CA	2160	G	2.5
31	DA	1023	G	2.5
33	DC	201	TYR	2.5
30	C5	28	GLY	2.5
31	DA	63	C	2.5
32	DB	133	LYS	2.5
46	DP	6	LEU	2.5
10	AK	110	GLY	2.5
14	AO	60	GLY	2.5
48	BR	54	ARG	2.5
14	CO	84	GLN	2.5
7	AH	43	VAL	2.5
25	CZ	9	VAL	2.5
34	DD	147	ALA	2.5
1	CA	362	U	2.5
18	AS	31	GLU	2.5
25	AZ	34	GLU	2.5
46	DP	34	GLU	2.5
16	CQ	97	ASP	2.5
34	DD	134	ASP	2.5
32	DB	73	THR	2.5
51	BU	8	THR	2.5
4	CE	132	HIS	2.5
7	AH	111	HIS	2.5
14	AO	91	PRO	2.5
16	AQ	36	ARG	2.5
20	AU	20	TYR	2.5
21	CV	32	HIS	2.5
44	BN	14	PRO	2.5
29	A4	47	ARG	2.5
29	C4	2	LYS	2.5
38	BH	30	ARG	2.5
43	DM	96	LEU	2.5
48	DR	44	LEU	2.5
11	AL	43	GLY	2.5
31	BA	532	A	2.5
39	DI	124	GLN	2.5
11	CL	89	ALA	2.5
31	BA	466	G	2.5
33	BC	160	ALA	2.5
34	DD	152	SER	2.5
44	DN	20	ALA	2.5

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Mol	Chain	Res	Type	RSRZ
33	DC	161	GLU	2.5
35	DE	122	GLU	2.5
40	DJ	64	GLU	2.5
46	DP	36	ILE	2.5
1	AA	1104	C	2.5
6	CG	67	LYS	2.5
14	AO	15	ARG	2.5
50	DT	34	LYS	2.5
39	DI	19	LEU	2.5
51	DU	7	ARG	2.5
11	CL	8	PRO	2.5
8	AI	136	VAL	2.5
34	DD	148	VAL	2.5
21	AV	189	ALA	2.4
24	AY	17	SER	2.4
1	AA	2158	A	2.4
21	CV	28	MET	2.4
50	DT	50	GLU	2.4
21	CV	80	ARG	2.4
37	BG	5	ARG	2.4
39	DI	75	ASP	2.4
40	BJ	28	ARG	2.4
1	AA	2164	C	2.4
1	CA	2116	G	2.4
12	CM	79	LEU	2.4
46	DP	44	THR	2.4
31	DA	1030	C	2.4
1	AA	1420	U	2.4
31	DA	223	U	2.4
49	BS	69	HIS	2.4
26	C1	36	VAL	2.4
34	BD	69	GLY	2.4
39	DI	30	GLY	2.4
39	DI	39	GLY	2.4
37	DG	39	ALA	2.4
6	AG	88	ILE	2.4
32	BB	101	MET	2.4
23	AX	27	GLU	2.4
33	BC	186	PHE	2.4
33	DC	186	PHE	2.4
4	CE	61	ARG	2.4
39	DI	10	ARG	2.4

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Mol	Chain	Res	Type	RSRZ
14	AO	73	LEU	2.4
37	DG	16	LEU	2.4
40	BJ	40	LEU	2.4
44	DN	6	LEU	2.4
15	CP	2	ASN	2.4
31	BA	1503	A	2.4
33	DC	177	THR	2.4
39	BI	90	PRO	2.4
4	AE	29	GLY	2.4
7	AH	133	VAL	2.4
21	CV	96	VAL	2.4
34	BD	2	GLY	2.4
37	DG	85	TYR	2.4
49	BS	68	GLY	2.4
1	AA	2111	C	2.4
1	CA	2174	C	2.4
2	CB	12	C	2.4
31	DA	88	C	2.4
1	AA	101	G	2.4
1	AA	2147	G	2.4
1	CA	2319	G	2.4
31	BA	1125	U	2.4
31	DA	324	G	2.4
31	DA	546	G	2.4
31	DA	1351	U	2.4
43	DM	82	MET	2.4
50	DT	29	LYS	2.4
12	AM	80	GLU	2.4
34	DD	81	GLU	2.4
8	AI	12	LEU	2.4
11	AL	148	LEU	2.4
15	AP	105	LEU	2.4
39	DI	56	LEU	2.4
4	AE	55	ASN	2.4
14	AO	21	THR	2.4
21	AV	174	VAL	2.4
32	DB	71	VAL	2.4
39	DI	65	VAL	2.4
7	AH	163	TYR	2.4
12	AM	9	TYR	2.4
20	AU	58	GLY	2.4
32	BB	99	GLY	2.4

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Mol	Chain	Res	Type	RSRZ
8	AI	97	ILE	2.4
20	AU	65	ALA	2.4
31	DA	977	A	2.4
31	DA	1251	A	2.4
14	CO	19	LYS	2.4
19	AT	64	LYS	2.4
33	DC	150	LYS	2.4
39	DI	127	LYS	2.4
1	CA	34	C	2.4
1	CA	2129	C	2.4
21	CV	163	LEU	2.4
31	BA	1364	U	2.4
44	DN	39	LEU	2.4
52	DW	19	G	2.4
50	DT	98	PRO	2.4
23	AX	16	ASN	2.4
9	CJ	124	HIS	2.4
32	DB	18	GLY	2.4
34	DD	180	GLY	2.4
6	AG	69	ALA	2.4
7	AH	94	TYR	2.4
46	DP	68	ASP	2.4
8	AI	95	LYS	2.4
24	AY	2	LYS	2.4
39	BI	120	ARG	2.4
40	BJ	45	ARG	2.4
20	CU	89	PHE	2.4
33	BC	10	PHE	2.4
14	AO	43	GLU	2.4
21	CV	162	GLU	2.4
31	DA	1110	A	2.4
5	CF	13	SER	2.4
24	CY	45	SER	2.4
1	AA	958	U	2.4
3	AD	29	PRO	2.4
2	CB	90	C	2.3
11	CL	30	THR	2.3
28	A3	40	CYS	2.4
11	AL	35	HIS	2.3
28	A3	32	ASN	2.3
28	C3	22	ALA	2.3
30	A5	58	ILE	2.3

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Mol	Chain	Res	Type	RSRZ
49	BS	53	ASN	2.3
7	AH	57	ASP	2.3
18	AS	94	ASP	2.3
32	DB	111	ARG	2.3
37	BG	79	ARG	2.3
42	DL	68	TYR	2.3
50	DT	17	ARG	2.3
1	AA	1106	G	2.3
20	CU	57	GLN	2.3
32	DB	187	LEU	2.3
39	DI	18	PHE	2.3
42	DL	92	LEU	2.3
19	AT	15	GLU	2.3
12	AM	102	VAL	2.3
32	BB	164	VAL	2.3
40	BJ	72	VAL	2.3
1	CA	2892	A	2.3
11	CL	43	GLY	2.3
23	AX	52	ARG	2.3
26	C1	53	THR	2.3
32	BB	111	ARG	2.3
33	DC	194	GLY	2.3
34	BD	22	LYS	2.3
42	DL	22	LYS	2.3
51	DU	12	LYS	2.3
39	BI	42	ARG	2.3
40	DJ	66	ARG	2.3
22	CW	85	ALA	2.3
42	DL	69	ILE	2.3
32	DB	140	HIS	2.3
8	AI	89	TYR	2.3
31	DA	619	U	2.3
2	AB	90	C	2.3
8	AI	47	LEU	2.3
19	CT	70	LEU	2.3
31	BA	980	C	2.3
31	DA	398	C	2.3
21	CV	84	GLU	2.3
1	AA	363(A)	G	2.3
1	AA	2795	G	2.3
12	CM	134	ARG	2.3
19	AT	65	ARG	2.3

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Mol	Chain	Res	Type	RSRZ
39	BI	111	ARG	2.3
11	CL	114	ILE	2.3
21	AV	133	ILE	2.3
15	AP	94	ALA	2.3
49	DS	48	THR	2.3
28	A3	10	LEU	2.3
40	DJ	69	ASN	2.3
45	BO	34	LEU	2.3
48	BR	36	ASN	2.3
31	DA	533	A	2.3
31	DA	975	A	2.3
1	CA	2172	U	2.3
7	AH	104	GLU	2.3
25	CZ	38	GLU	2.3
27	C2	48	GLU	2.3
6	AG	67	LYS	2.3
7	AH	15	VAL	2.3
7	CH	49	VAL	2.3
31	BA	1327	C	2.3
50	DT	27	LYS	2.3
11	CL	61	ARG	2.3
30	A5	30	ARG	2.3
32	BB	157	ARG	2.3
45	DO	38	ARG	2.3
46	DP	8	ARG	2.3
51	BU	10	ARG	2.3
33	DC	5	ILE	2.3
35	DE	13	ILE	2.3
8	AI	55	ALA	2.3
6	AG	34	LEU	2.3
11	CL	35	HIS	2.3
33	BC	188	LEU	2.3
1	AA	2120	G	2.3
1	AA	2166	G	2.3
31	DA	64	G	2.3
35	DE	26	PHE	2.3
44	BN	16	PHE	2.3
11	AL	87	ASP	2.3
34	DD	42	GLN	2.3
38	BH	25	ASP	2.3
25	CZ	17	LYS	2.3
27	A2	37	LYS	2.3

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Mol	Chain	Res	Type	RSRZ
34	BD	30	LYS	2.3
39	BI	112	LYS	2.3
1	AA	2119	A	2.3
5	AF	27	GLU	2.3
11	CL	79	ARG	2.3
21	CV	97	GLU	2.3
31	DA	87	A	2.3
32	BB	141	GLU	2.3
37	DG	78	ARG	2.3
1	CA	2506	U	2.3
6	AG	157	ILE	2.3
20	CU	44	ILE	2.3
49	BS	31	ILE	2.3
49	DS	40	ILE	2.3
17	CR	101	GLY	2.3
32	DB	99	GLY	2.3
12	AM	83	MET	2.3
12	CM	83	MET	2.3
9	AJ	161	LEU	2.3
23	CX	85	LEU	2.3
28	C3	30	THR	2.3
34	DD	21	LEU	2.3
39	BI	117	HIS	2.3
7	AH	83	TYR	2.3
8	AI	126	TYR	2.3
39	BI	37	PHE	2.3
49	BS	52	TYR	2.3
7	AH	85	LYS	2.3
20	AU	21	LYS	2.3
5	AF	44	ARG	2.3
40	DJ	43	ARG	2.3
7	CH	86	GLU	2.2
12	CM	91	GLU	2.2
23	CX	57	GLU	2.2
2	AB	87	G	2.2
31	DA	105	G	2.2
8	AI	134	PRO	2.2
34	DD	87	GLY	2.2
40	BJ	91	PRO	2.2
8	AI	65	ALA	2.2
49	BS	44	MET	2.2
8	AI	31	LEU	2.2

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Mol	Chain	Res	Type	RSRZ
31	DA	1281	U	2.2
52	BV	73	A	2.2
28	C3	14	THR	2.2
34	DD	123	HIS	2.2
40	BJ	63	PHE	2.2
9	AJ	98	TYR	2.2
21	AV	127	LYS	2.2
26	A1	51	TYR	2.2
24	AY	55	ARG	2.2
7	CH	114	VAL	2.2
36	DF	11	ASN	2.2
6	AG	97	ASP	2.2
35	DE	50	GLU	2.2
48	BR	33	ASP	2.2
5	CF	206	ILE	2.2
32	BB	120	ALA	2.2
35	DE	49	PRO	2.2
39	DI	90	PRO	2.2
8	CI	35	LEU	2.2
8	CI	128	LEU	2.2
46	DP	73	LEU	2.2
49	DS	44	MET	2.2
1	AA	7	G	2.2
1	AA	10	G	2.2
1	AA	2154	G	2.2
1	AA	2805	G	2.2
17	AR	78	LYS	2.2
31	DA	331	G	2.2
31	DA	971	G	2.2
39	DI	11	LYS	2.2
42	BL	20	LYS	2.2
44	DN	16	PHE	2.2
52	BV	4	G	2.2
52	BV	70	G	2.2
32	DB	96	ARG	2.2
37	BG	78	ARG	2.2
38	BH	94	TYR	2.2
39	DI	62	TYR	2.2
43	BM	104	ARG	2.2
45	BO	68	ARG	2.2
1	CA	278	A	2.2
21	AV	166	SER	2.2

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Mol	Chain	Res	Type	RSRZ
31	BA	1492	A	2.2
31	DA	1250	A	2.2
34	DD	137	SER	2.2
52	DW	35	A	2.2
8	AI	144	VAL	2.2
39	DI	28	VAL	2.2
42	DL	8	GLN	2.2
33	BC	161	GLU	2.2
34	DD	26	CYS	2.2
1	AA	1588	C	2.2
6	CG	147	ASP	2.2
5	AF	128	ALA	2.2
8	AI	58	LEU	2.2
21	AV	117	LEU	2.2
22	CW	75	LEU	2.2
36	DF	48	LEU	2.2
14	CO	83	LYS	2.2
23	CX	91	LYS	2.2
39	DI	78	LYS	2.2
42	DL	45	LYS	2.2
42	DL	125	LYS	2.2
7	AH	149	ARG	2.2
39	DI	42	ARG	2.2
14	CO	34	HIS	2.2
15	AP	12	SER	2.2
1	AA	614	U	2.2
1	AA	2113	U	2.2
1	CA	2113	U	2.2
31	DA	999	U	2.2
8	AI	4	ILE	2.2
1	CA	2131	G	2.2
2	AB	86	G	2.2
2	CB	87	G	2.2
31	DA	1003	G	2.2
14	CO	58	LEU	2.2
31	DA	1285	A	2.2
50	DT	72	LEU	2.2
11	CL	122	PRO	2.2
20	AU	56	PRO	2.2
20	AU	79	CYS	2.2
24	AY	18	PRO	2.2
33	DC	189	ALA	2.2

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Mol	Chain	Res	Type	RSRZ
38	DH	5	PRO	2.2
40	BJ	26	ALA	2.2
3	CD	122	ASP	2.2
27	A2	17	ASP	2.2
33	BC	4	LYS	2.2
10	CK	17	ARG	2.2
20	CU	86	ARG	2.2
32	DB	28	PHE	2.2
37	DG	43	PHE	2.2
46	DP	9	PHE	2.2
1	CA	2128	C	2.2
31	BA	1214	C	2.2
31	DA	307	C	2.2
4	CE	159	HIS	2.2
28	A3	39	TYR	2.2
49	BS	11	VAL	2.2
33	DC	162	GLN	2.2
15	AP	6	LEU	2.2
15	CP	6	LEU	2.2
24	AY	21	LEU	2.2
7	CH	47	GLU	2.2
33	BC	171	GLY	2.2
34	BD	86	LYS	2.2
40	DJ	57	LYS	2.2
44	BN	20	ALA	2.2
3	CD	29	PRO	2.2
52	DW	20	U	2.2
16	CQ	56	ASP	2.2
27	A2	46	CYS	2.2
37	DG	79	ARG	2.2
40	DJ	46	ARG	2.2
40	DJ	54	PHE	2.2
2	CB	89(B)	A	2.2
31	BA	1289	A	2.2
1	CA	2149	G	2.2
31	DA	1253	G	2.2
31	DA	1356	G	2.2
33	BC	207	VAL	2.1
49	DS	60	VAL	2.1
1	AA	894	C	2.1
1	AA	2137	C	2.1
31	DA	135	C	2.1

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Mol	Chain	Res	Type	RSRZ
40	DJ	50	ILE	2.1
44	DN	42	ILE	2.1
24	AY	9	GLN	2.1
32	BB	102	LEU	2.1
32	DB	110	GLN	2.1
33	DC	47	LEU	2.1
38	DH	2	LEU	2.1
38	DH	39	LEU	2.1
5	AF	6	MET	2.1
12	AM	48	GLU	2.1
19	AT	4	ALA	2.1
7	CH	170	ARG	2.1
11	AL	15	ARG	2.1
11	AL	50	ARG	2.1
28	C3	51	GLU	2.1
40	BJ	64	GLU	2.1
45	BO	7	GLU	2.1
46	DP	5	ARG	2.1
50	BT	83	ARG	2.1
51	DU	22	ARG	2.1
39	DI	33	PHE	2.1
1	CA	2132	U	2.1
24	AY	52	ASP	2.1
31	DA	82	U	2.1
6	AG	70	VAL	2.1
8	AI	19	VAL	2.1
14	CO	92	TYR	2.1
28	C3	39	TYR	2.1
31	BA	1000	A	2.1
6	CG	5	LEU	2.1
8	AI	68	LEU	2.1
20	AU	63	LYS	2.1
32	BB	132	LYS	2.1
31	BA	944	G	2.1
31	DA	39	G	2.1
31	DA	1031(C)	G	2.1
36	DF	16	GLN	2.1
6	CG	35	GLU	2.1
1	CA	2896	C	2.1
7	CH	112	PRO	2.1
10	CK	9	GLU	2.1
31	DA	1054	C	2.1

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Mol	Chain	Res	Type	RSRZ
52	BW	1	C	2.1
20	CU	43	ASN	2.1
28	C3	48	VAL	2.1
32	BB	197	VAL	2.1
33	BC	167	TRP	2.1
38	DH	61	VAL	2.1
5	AF	175	THR	2.1
8	AI	114	LEU	2.1
9	CJ	114	LEU	2.1
30	C5	41	ILE	2.1
38	DH	24	THR	2.1
38	DH	116	LYS	2.1
43	BM	103	THR	2.1
41	BK	50	TYR	2.1
43	DM	27	LYS	2.1
44	BN	34	TYR	2.1
35	DE	10	MET	2.1
45	DO	68	ARG	2.1
9	AJ	50	ALA	2.1
32	DB	29	ALA	2.1
37	BG	96	GLN	2.1
38	BH	28	ALA	2.1
39	DI	46	ALA	2.1
1	AA	2799	A	2.1
3	CD	28	GLU	2.1
20	CU	62	GLU	2.1
21	AV	60	GLU	2.1
32	BB	72	GLY	2.1
43	DM	73	GLU	2.1
17	AR	73	SER	2.1
44	DN	60	SER	2.1
1	AA	352	G	2.1
1	AA	1542	G	2.1
31	DA	1202	G	2.1
31	DA	1368	G	2.1
43	BM	7	VAL	2.1
1	AA	1102	C	2.1
1	CA	1537	C	2.1
1	CA	2137	C	2.1
31	BA	1027(B)	C	2.1
52	BV	1	C	2.1
52	BW	17	C	2.1

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Mol	Chain	Res	Type	RSRZ
3	AD	5	LYS	2.1
37	BG	35	LYS	2.1
6	CG	133	LEU	2.1
21	CV	59	LEU	2.1
40	BJ	90	LEU	2.1
46	BP	29	ASP	2.1
50	DT	84	LEU	2.1
12	AM	82	ARG	2.1
9	CJ	31	GLN	2.1
16	CQ	117	GLN	2.1
31	DA	486	U	2.1
52	DW	36	U	2.1
4	CE	88	GLY	2.1
16	AQ	26	GLY	2.1
20	AU	10	GLY	2.1
37	DG	34	GLY	2.1
12	CM	112	GLU	2.1
33	BC	166	GLU	2.1
34	DD	156	GLU	2.1
42	DL	44	PRO	2.1
9	AJ	126	VAL	2.1
1	AA	229	A	2.1
17	CR	85	LYS	2.1
19	CT	33	LYS	2.1
31	BA	1287	A	2.1
40	BJ	7	LYS	2.1
53	DX	15	A	2.1
8	AI	123	LEU	2.1
8	CI	52	ARG	2.1
18	AS	92	ARG	2.1
32	DB	201	ILE	2.1
34	DD	194	LEU	2.1
33	DC	176	HIS	2.1
37	DG	156	TRP	2.1
42	DL	83	LEU	2.1
49	BS	34	TRP	2.1
49	BS	37	ARG	2.1
50	DT	100	ILE	2.1
6	CG	12	TYR	2.1
24	CY	62	THR	2.1
36	BF	89	MET	2.1
39	DI	64	THR	2.1

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Mol	Chain	Res	Type	RSRZ
1	CA	2032	G	2.1
1	CA	2147	G	2.1
7	AH	112	PRO	2.1
8	AI	132	PRO	2.1
39	BI	12	GLU	2.1
6	CG	75	LYS	2.0
20	AU	101	LYS	2.0
32	DB	93	VAL	2.0
32	DB	136	VAL	2.0
37	DG	80	VAL	2.0
7	CH	151	ILE	2.0
12	CM	16	ARG	2.0
32	DB	144	ARG	2.0
39	BI	16	ARG	2.0
3	CD	200	ASP	2.0
8	AI	96	ASP	2.0
15	CP	87	ASP	2.0
44	DN	30	ALA	2.0
46	DP	23	ASP	2.0
50	BT	64	ASP	2.0
28	A3	43	CYS	2.0
39	BI	24	GLY	2.0
44	DN	37	PHE	2.0
48	DR	57	GLY	2.0
46	DP	15	PRO	2.0
25	CZ	34	GLU	2.0
1	CA	886	C	2.0
1	CA	974(B)	C	2.0
1	CA	2139	C	2.0
2	CB	88	C	2.0
7	AH	141	VAL	2.0
49	DS	9	VAL	2.0
9	CJ	157	ARG	2.0
30	A5	60	LEU	2.0
31	DA	1127	G	2.0
31	DA	1353	G	2.0
32	DB	114	ARG	2.0
42	DL	96	ARG	2.0
50	DT	15	ARG	2.0
32	BB	127	ILE	2.0
32	BB	150	SER	2.0
42	DL	115	SER	2.0

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Mol	Chain	Res	Type	RSRZ
1	CA	1535	U	2.0
7	AH	65	HIS	2.0
18	AS	1	MET	2.0
17	CR	45	THR	2.0
28	A3	22	ALA	2.0
39	DI	43	ALA	2.0
50	DT	77	ALA	2.0
19	AT	69	TYR	2.0
42	DL	97	TYR	2.0
51	BU	21	TYR	2.0
34	DD	206	PHE	2.0
39	BI	8	GLY	2.0
8	AI	2	LYS	2.0
10	CK	5	GLN	2.0
19	AT	33	LYS	2.0
30	A5	59	LYS	2.0
41	DK	124	LYS	2.0
42	BL	118	LYS	2.0
46	DP	65	GLN	2.0
1	CA	229	A	2.0
20	CU	64	GLU	2.0
23	CX	75	GLU	2.0
25	CZ	48	GLU	2.0
28	C3	12	GLU	2.0
31	BA	1092	A	2.0
31	DA	495	A	2.0
34	DD	24	GLU	2.0
13	CN	68	ARG	2.0
15	CP	93	ARG	2.0
20	CU	50	ARG	2.0
46	BP	25	ARG	2.0
46	BP	6	LEU	2.0
15	AP	75	ILE	2.0
31	BA	979	C	2.0
52	DV	71	C	2.0

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

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

5.3 Carbohydrates ⓘ

There are no oligosaccharides in this entry.

5.4 Ligands ⓘ

In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists the number of atoms with occupancy less than 0.9.

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
55	MG	DA	2122	1/1	-0.42	0.14	150,150,150,150	0
55	MG	CA	3733	1/1	0.17	0.26	156,156,156,156	0
55	MG	CA	4238	1/1	0.21	0.18	91,91,91,91	0
55	MG	BA	1634	1/1	0.34	0.18	104,104,104,104	0
55	MG	CA	4369	1/1	0.34	0.33	111,111,111,111	0
55	MG	CA	3804	1/1	0.34	0.10	97,97,97,97	0
55	MG	DA	2151	1/1	0.35	0.23	124,124,124,124	0
55	MG	DA	1834	1/1	0.36	0.13	123,123,123,123	0
55	MG	DA	1898	1/1	0.37	0.95	96,96,96,96	0
55	MG	DA	1831	1/1	0.38	0.10	99,99,99,99	0
55	MG	DA	2198	1/1	0.40	0.20	87,87,87,87	0
55	MG	AA	4616	1/1	0.43	0.20	140,140,140,140	0
55	MG	BV	112	1/1	0.43	0.14	89,89,89,89	0
55	MG	AA	4978	1/1	0.43	0.14	99,99,99,99	0
55	MG	AA	5146	1/1	0.43	0.24	110,110,110,110	0
55	MG	CA	3081	1/1	0.44	0.23	80,80,80,80	0
55	MG	DA	1628	1/1	0.44	0.22	135,135,135,135	0
55	MG	AB	231	1/1	0.45	0.19	78,78,78,78	0
55	MG	CA	3499	1/1	0.46	0.17	71,71,71,71	0
55	MG	AA	4120	1/1	0.46	0.39	92,92,92,92	0
55	MG	BA	1787	1/1	0.46	0.30	98,98,98,98	0
55	MG	DA	1927	1/1	0.47	0.26	92,92,92,92	0
55	MG	BA	1975	1/1	0.47	0.21	75,75,75,75	0
55	MG	CB	207	1/1	0.48	0.15	75,75,75,75	0
55	MG	BA	1853	1/1	0.48	0.25	102,102,102,102	0
55	MG	CA	3729	1/1	0.48	0.11	101,101,101,101	0
55	MG	BA	1647	1/1	0.49	0.25	93,93,93,93	0
55	MG	DA	1638	1/1	0.49	0.46	126,126,126,126	0
55	MG	BV	115	1/1	0.49	0.08	107,107,107,107	0
55	MG	CL	201	1/1	0.49	0.34	76,76,76,76	0
55	MG	DA	1872	1/1	0.49	0.20	96,96,96,96	0
55	MG	BA	2097	1/1	0.50	0.18	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	5099	1/1	0.51	0.20	111,111,111,111	0
55	MG	CA	3566	1/1	0.51	0.26	63,63,63,63	0
55	MG	BV	122	1/1	0.51	0.20	97,97,97,97	0
55	MG	AB	223	1/1	0.51	0.25	95,95,95,95	0
55	MG	CA	3776	1/1	0.51	0.13	95,95,95,95	0
55	MG	CA	4358	1/1	0.52	0.34	78,78,78,78	0
55	MG	AB	243	1/1	0.52	0.15	164,164,164,164	0
55	MG	DA	1822	1/1	0.52	0.24	111,111,111,111	0
55	MG	AA	4952	1/1	0.52	0.20	89,89,89,89	0
55	MG	AA	5231	1/1	0.52	0.24	78,78,78,78	0
55	MG	DA	1847	1/1	0.52	0.22	119,119,119,119	0
55	MG	AA	4159	1/1	0.53	0.16	77,77,77,77	0
55	MG	AA	4596	1/1	0.53	0.09	103,103,103,103	0
55	MG	DA	2172	1/1	0.53	0.12	96,96,96,96	0
55	MG	AB	219	1/1	0.53	0.26	107,107,107,107	0
55	MG	CB	250	1/1	0.54	0.17	74,74,74,74	0
55	MG	DA	1949	1/1	0.54	0.21	88,88,88,88	0
55	MG	AA	4516	1/1	0.54	0.19	69,69,69,69	0
55	MG	AA	4093	1/1	0.55	0.12	104,104,104,104	0
55	MG	AA	4842	1/1	0.55	0.36	111,111,111,111	0
55	MG	CA	4181	1/1	0.55	0.10	57,57,57,57	0
55	MG	CA	4220	1/1	0.55	0.10	95,95,95,95	0
55	MG	CA	3072	1/1	0.55	0.26	87,87,87,87	0
55	MG	AA	4112	1/1	0.55	0.27	92,92,92,92	0
55	MG	AA	4713	1/1	0.56	0.12	87,87,87,87	0
55	MG	AA	4825	1/1	0.56	0.11	84,84,84,84	0
55	MG	DA	2121	1/1	0.56	0.35	96,96,96,96	0
55	MG	CA	4348	1/1	0.56	0.10	89,89,89,89	0
55	MG	BA	2081	1/1	0.56	0.15	92,92,92,92	0
55	MG	AA	4121	1/1	0.56	0.26	82,82,82,82	0
55	MG	DA	1809	1/1	0.56	0.11	86,86,86,86	0
55	MG	DA	2104	1/1	0.57	0.17	124,124,124,124	0
55	MG	BA	1827	1/1	0.57	0.10	73,73,73,73	0
55	MG	CA	4402	1/1	0.57	0.21	94,94,94,94	0
55	MG	AA	5131	1/1	0.58	0.11	86,86,86,86	0
55	MG	CA	4403	1/1	0.58	0.10	175,175,175,175	0
55	MG	DA	2056	1/1	0.58	0.36	105,105,105,105	0
55	MG	DW	104	1/1	0.58	0.09	95,95,95,95	0
55	MG	BA	1867	1/1	0.59	0.48	100,100,100,100	0
55	MG	DA	1812	1/1	0.59	0.14	116,116,116,116	0
55	MG	AA	4835	1/1	0.59	0.11	131,131,131,131	0
55	MG	AA	4755	1/1	0.60	0.11	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1646	1/1	0.60	0.23	72,72,72,72	0
55	MG	AA	4770	1/1	0.60	0.23	83,83,83,83	0
55	MG	BA	1659	1/1	0.60	0.17	85,85,85,85	0
55	MG	BW	108	1/1	0.60	0.13	93,93,93,93	0
55	MG	AA	4718	1/1	0.60	0.15	89,89,89,89	0
55	MG	BA	1604	1/1	0.60	0.12	96,96,96,96	0
55	MG	BA	2125	1/1	0.60	0.21	84,84,84,84	0
55	MG	DA	1619	1/1	0.60	0.10	77,77,77,77	0
55	MG	BA	2142	1/1	0.60	0.09	78,78,78,78	0
55	MG	AA	4614	1/1	0.61	0.11	79,79,79,79	0
55	MG	CA	3493	1/1	0.61	0.23	57,57,57,57	0
55	MG	AA	4999	1/1	0.61	0.23	100,100,100,100	0
55	MG	CA	3069	1/1	0.61	0.20	98,98,98,98	0
55	MG	DA	2101	1/1	0.61	0.17	155,155,155,155	0
55	MG	AX	101	1/1	0.61	0.08	99,99,99,99	0
55	MG	DA	1717	1/1	0.62	0.23	91,91,91,91	0
55	MG	DA	2045	1/1	0.62	0.21	98,98,98,98	0
55	MG	CA	3904	1/1	0.62	0.10	98,98,98,98	0
55	MG	BA	1624	1/1	0.62	0.11	79,79,79,79	0
55	MG	CA	3079	1/1	0.62	0.12	103,103,103,103	0
55	MG	DA	2106	1/1	0.62	0.10	94,94,94,94	0
55	MG	BV	125	1/1	0.62	0.14	81,81,81,81	0
55	MG	CA	4248	1/1	0.62	0.20	88,88,88,88	0
55	MG	CA	4332	1/1	0.62	0.14	74,74,74,74	0
55	MG	AA	4587	1/1	0.62	0.18	107,107,107,107	0
55	MG	DA	2177	1/1	0.62	0.11	105,105,105,105	0
55	MG	AB	205	1/1	0.62	0.16	88,88,88,88	0
55	MG	CA	3835	1/1	0.62	0.11	69,69,69,69	0
55	MG	CA	4349	1/1	0.63	0.14	84,84,84,84	0
55	MG	CA	3654	1/1	0.63	0.21	56,56,56,56	0
55	MG	DA	2109	1/1	0.63	0.10	93,93,93,93	0
55	MG	CA	3705	1/1	0.63	0.15	84,84,84,84	0
55	MG	AA	4404	1/1	0.63	0.12	41,41,41,41	0
55	MG	AA	5188	1/1	0.63	0.18	77,77,77,77	0
55	MG	AA	4539	1/1	0.63	0.20	90,90,90,90	0
55	MG	AA	4787	1/1	0.63	0.14	77,77,77,77	0
55	MG	AA	4794	1/1	0.63	0.08	106,106,106,106	0
55	MG	CV	202	1/1	0.63	0.14	78,78,78,78	0
55	MG	AA	4160	1/1	0.64	0.08	94,94,94,94	0
55	MG	CA	3326	1/1	0.64	0.21	61,61,61,61	0
55	MG	BA	1992	1/1	0.64	0.12	67,67,67,67	0
55	MG	AA	5264	1/1	0.64	0.24	87,87,87,87	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	2086	1/1	0.64	0.12	71,71,71,71	0
55	MG	AA	5296	1/1	0.64	0.09	74,74,74,74	0
55	MG	CA	3684	1/1	0.64	0.19	90,90,90,90	0
55	MG	AA	4135	1/1	0.64	0.18	127,127,127,127	0
55	MG	BA	2140	1/1	0.64	0.16	88,88,88,88	0
55	MG	AA	4646	1/1	0.64	0.13	91,91,91,91	0
55	MG	AA	4758	1/1	0.64	0.10	71,71,71,71	0
55	MG	CY	102	1/1	0.64	0.14	100,100,100,100	0
55	MG	BA	1793	1/1	0.64	0.18	73,73,73,73	0
55	MG	CA	3825	1/1	0.64	0.11	83,83,83,83	0
55	MG	AA	4763	1/1	0.64	0.15	137,137,137,137	0
55	MG	AA	4688	1/1	0.64	0.12	65,65,65,65	0
55	MG	AA	5202	1/1	0.64	0.12	72,72,72,72	0
55	MG	BA	1909	1/1	0.64	0.13	67,67,67,67	0
55	MG	BA	1948	1/1	0.64	0.16	85,85,85,85	0
55	MG	BA	1949	1/1	0.64	0.16	102,102,102,102	0
55	MG	AA	4130	1/1	0.65	0.12	78,78,78,78	0
55	MG	CB	212	1/1	0.65	0.31	104,104,104,104	0
55	MG	CA	4037	1/1	0.65	0.12	45,45,45,45	0
55	MG	DA	1917	1/1	0.65	0.16	143,143,143,143	0
55	MG	CF	305	1/1	0.65	0.10	89,89,89,89	0
55	MG	AA	4885	1/1	0.65	0.17	88,88,88,88	0
55	MG	BA	2112	1/1	0.65	0.09	84,84,84,84	0
55	MG	CV	203	1/1	0.65	0.21	85,85,85,85	0
55	MG	BW	101	1/1	0.65	0.22	106,106,106,106	0
55	MG	AA	5029	1/1	0.65	0.19	111,111,111,111	0
55	MG	CA	4287	1/1	0.65	0.07	77,77,77,77	0
55	MG	BA	2132	1/1	0.65	0.14	82,82,82,82	0
55	MG	CA	4335	1/1	0.65	0.17	110,110,110,110	0
55	MG	AA	4822	1/1	0.65	0.10	87,87,87,87	0
55	MG	BA	2019	1/1	0.65	0.07	83,83,83,83	0
55	MG	CA	3803	1/1	0.65	0.16	121,121,121,121	0
55	MG	BU	101	1/1	0.65	0.17	109,109,109,109	0
55	MG	BV	104	1/1	0.65	0.11	84,84,84,84	0
55	MG	BA	1925	1/1	0.65	0.16	75,75,75,75	0
55	MG	DA	1721	1/1	0.66	0.23	79,79,79,79	0
55	MG	AA	4556	1/1	0.66	0.20	80,80,80,80	0
55	MG	AA	4703	1/1	0.66	0.05	92,92,92,92	0
55	MG	AB	244	1/1	0.66	0.21	100,100,100,100	0
55	MG	CA	3433	1/1	0.66	0.11	67,67,67,67	0
55	MG	CA	3766	1/1	0.66	0.09	89,89,89,89	0
55	MG	DA	2114	1/1	0.66	0.11	74,74,74,74	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	1923	1/1	0.66	0.19	54,54,54,54	0
55	MG	AA	5023	1/1	0.66	0.16	57,57,57,57	0
55	MG	DA	2123	1/1	0.66	0.12	94,94,94,94	0
55	MG	CB	204	1/1	0.66	0.21	92,92,92,92	0
55	MG	AA	4632	1/1	0.66	0.24	81,81,81,81	0
55	MG	DA	1922	1/1	0.66	0.17	94,94,94,94	0
55	MG	AA	4031	1/1	0.66	0.13	109,109,109,109	0
55	MG	CB	241	1/1	0.66	0.17	82,82,82,82	0
55	MG	AA	4150	1/1	0.67	0.16	86,86,86,86	0
55	MG	CA	3783	1/1	0.67	0.54	96,96,96,96	0
55	MG	CV	204	1/1	0.67	0.16	86,86,86,86	0
55	MG	AA	4291	1/1	0.67	0.26	46,46,46,46	0
55	MG	DA	1845	1/1	0.67	0.21	117,117,117,117	0
55	MG	CA	3100	1/1	0.67	0.14	86,86,86,86	0
55	MG	AA	5037	1/1	0.67	0.35	95,95,95,95	0
55	MG	CA	3061	1/1	0.67	0.10	82,82,82,82	0
55	MG	DA	1910	1/1	0.67	0.12	104,104,104,104	0
55	MG	AA	5020	1/1	0.67	0.19	57,57,57,57	0
55	MG	DA	1676	1/1	0.67	0.10	71,71,71,71	0
55	MG	CA	3758	1/1	0.67	0.07	71,71,71,71	0
55	MG	DA	2180	1/1	0.67	0.21	123,123,123,123	0
55	MG	BO	101	1/1	0.67	0.10	91,91,91,91	0
55	MG	CA	4365	1/1	0.67	0.15	84,84,84,84	0
55	MG	DW	107	1/1	0.67	0.12	155,155,155,155	0
55	MG	CA	3744	1/1	0.68	0.15	90,90,90,90	0
55	MG	DA	1602	1/1	0.68	0.35	94,94,94,94	0
55	MG	CA	3617	1/1	0.68	0.13	88,88,88,88	0
55	MG	DA	1920	1/1	0.68	0.12	72,72,72,72	0
55	MG	DA	1626	1/1	0.68	0.28	123,123,123,123	0
55	MG	AA	4894	1/1	0.68	0.27	93,93,93,93	0
55	MG	AB	206	1/1	0.68	0.10	112,112,112,112	0
55	MG	DA	1953	1/1	0.68	0.25	140,140,140,140	0
55	MG	DA	1998	1/1	0.68	0.23	59,59,59,59	0
55	MG	AA	4295	1/1	0.68	0.19	61,61,61,61	0
55	MG	BA	1823	1/1	0.68	0.12	103,103,103,103	0
55	MG	DV	106	1/1	0.68	0.15	93,93,93,93	0
55	MG	DW	103	1/1	0.68	0.09	93,93,93,93	0
55	MG	DA	1865	1/1	0.68	0.30	75,75,75,75	0
55	MG	BA	1914	1/1	0.68	0.15	82,82,82,82	0
55	MG	AA	5013	1/1	0.69	0.11	79,79,79,79	0
55	MG	AA	4090	1/1	0.69	0.08	87,87,87,87	0
55	MG	CA	3374	1/1	0.69	0.13	56,56,56,56	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4233	1/1	0.69	0.48	76,76,76,76	0
55	MG	DA	1777	1/1	0.69	0.26	124,124,124,124	0
55	MG	CA	2906	1/1	0.69	0.13	66,66,66,66	0
55	MG	CB	242	1/1	0.69	0.10	77,77,77,77	0
55	MG	CA	4241	1/1	0.69	0.14	86,86,86,86	0
55	MG	CA	2951	1/1	0.69	0.57	125,125,125,125	0
55	MG	BA	2029	1/1	0.69	0.07	64,64,64,64	0
55	MG	BA	2055	1/1	0.69	0.16	95,95,95,95	0
55	MG	AA	5295	1/1	0.69	0.18	103,103,103,103	0
55	MG	DA	2137	1/1	0.69	0.09	98,98,98,98	0
55	MG	DA	2139	1/1	0.69	0.08	83,83,83,83	0
55	MG	CA	3076	1/1	0.69	0.12	101,101,101,101	0
55	MG	BA	1990	1/1	0.69	0.12	59,59,59,59	0
55	MG	BA	2170	1/1	0.69	0.31	105,105,105,105	0
55	MG	DA	1607	1/1	0.69	0.23	74,74,74,74	0
55	MG	CA	3718	1/1	0.69	0.31	71,71,71,71	0
55	MG	CA	3916	1/1	0.69	0.10	73,73,73,73	0
55	MG	CA	4401	1/1	0.69	0.21	77,77,77,77	0
55	MG	CA	3965	1/1	0.69	0.11	42,42,42,42	0
55	MG	DA	1643	1/1	0.69	0.25	91,91,91,91	0
55	MG	DA	1793	1/1	0.70	0.08	84,84,84,84	0
55	MG	BV	101	1/1	0.70	0.13	105,105,105,105	0
55	MG	AA	4762	1/1	0.70	0.13	113,113,113,113	0
55	MG	CA	3730	1/1	0.70	0.11	74,74,74,74	0
55	MG	CA	3454	1/1	0.70	0.16	55,55,55,55	0
55	MG	CA	3473	1/1	0.70	0.27	80,80,80,80	0
55	MG	BA	1660	1/1	0.70	0.10	73,73,73,73	0
55	MG	DA	2117	1/1	0.70	0.18	68,68,68,68	0
55	MG	BA	1661	1/1	0.70	0.10	90,90,90,90	0
55	MG	CA	3515	1/1	0.70	0.10	42,42,42,42	0
55	MG	CA	3778	1/1	0.70	0.09	106,106,106,106	0
55	MG	BA	1610	1/1	0.70	0.12	93,93,93,93	0
55	MG	AA	5250	1/1	0.70	0.15	70,70,70,70	0
55	MG	DA	1912	1/1	0.70	0.17	88,88,88,88	0
55	MG	CA	4304	1/1	0.70	0.11	81,81,81,81	0
55	MG	DA	1649	1/1	0.70	0.11	118,118,118,118	0
55	MG	AB	221	1/1	0.70	0.07	74,74,74,74	0
55	MG	DA	2186	1/1	0.70	0.23	71,71,71,71	0
55	MG	DA	1686	1/1	0.70	0.12	97,97,97,97	0
55	MG	DA	1929	1/1	0.70	0.08	93,93,93,93	0
55	MG	DV	117	1/1	0.70	0.14	81,81,81,81	0
55	MG	DV	123	1/1	0.70	0.14	104,104,104,104	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	1645	1/1	0.70	0.12	86,86,86,86	0
55	MG	AA	4760	1/1	0.70	0.07	89,89,89,89	0
55	MG	CT	101	1/1	0.70	0.20	51,51,51,51	0
55	MG	DW	111	1/1	0.70	0.14	136,136,136,136	0
55	MG	BA	2100	1/1	0.71	0.25	112,112,112,112	0
55	MG	CA	3542	1/1	0.71	0.14	63,63,63,63	0
55	MG	BA	1743	1/1	0.71	0.18	76,76,76,76	0
55	MG	BA	2123	1/1	0.71	0.27	82,82,82,82	0
55	MG	CA	3620	1/1	0.71	0.18	89,89,89,89	0
55	MG	AA	4694	1/1	0.71	0.15	92,92,92,92	0
55	MG	BA	1789	1/1	0.71	0.24	79,79,79,79	0
55	MG	CA	3856	1/1	0.71	0.12	67,67,67,67	0
55	MG	DA	1891	1/1	0.71	0.12	116,116,116,116	0
55	MG	AA	4731	1/1	0.71	0.11	119,119,119,119	0
55	MG	DA	1904	1/1	0.71	0.09	57,57,57,57	0
55	MG	CA	4394	1/1	0.71	0.25	81,81,81,81	0
55	MG	CA	3714	1/1	0.71	0.19	80,80,80,80	0
55	MG	CA	3954	1/1	0.71	0.16	92,92,92,92	0
55	MG	BA	1818	1/1	0.71	0.32	75,75,75,75	0
55	MG	CA	3722	1/1	0.71	0.13	82,82,82,82	0
55	MG	CA	4161	1/1	0.71	0.16	65,65,65,65	0
55	MG	AA	4363	1/1	0.71	0.23	57,57,57,57	0
55	MG	BC	302	1/1	0.71	0.10	60,60,60,60	0
55	MG	CA	2925	1/1	0.71	0.12	128,128,128,128	0
55	MG	AA	4502	1/1	0.71	0.14	53,53,53,53	0
55	MG	CA	2999	1/1	0.71	0.14	85,85,85,85	0
55	MG	AA	5273	1/1	0.71	0.17	75,75,75,75	0
55	MG	DA	2074	1/1	0.71	0.18	72,72,72,72	0
55	MG	DW	115	1/1	0.71	0.08	127,127,127,127	0
55	MG	CA	3883	1/1	0.72	0.23	77,77,77,77	0
55	MG	DA	1823	1/1	0.72	0.21	88,88,88,88	0
55	MG	BA	1966	1/1	0.72	0.15	69,69,69,69	0
55	MG	AA	4068	1/1	0.72	0.07	66,66,66,66	0
55	MG	AA	4671	1/1	0.72	0.16	122,122,122,122	0
55	MG	BA	2105	1/1	0.72	0.25	96,96,96,96	0
55	MG	DA	1611	1/1	0.72	0.09	99,99,99,99	0
55	MG	CA	3060	1/1	0.72	0.08	100,100,100,100	0
55	MG	AA	4989	1/1	0.72	0.06	72,72,72,72	0
55	MG	DA	2135	1/1	0.72	0.08	93,93,93,93	0
55	MG	CA	3065	1/1	0.72	0.25	88,88,88,88	0
55	MG	AA	5244	1/1	0.72	0.10	68,68,68,68	0
55	MG	DA	2140	1/1	0.72	0.10	107,107,107,107	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4702	1/1	0.72	0.11	89,89,89,89	0
55	MG	BA	2130	1/1	0.72	0.12	33,33,33,33	0
55	MG	CA	3800	1/1	0.72	0.15	92,92,92,92	0
55	MG	BV	118	1/1	0.72	0.20	94,94,94,94	0
55	MG	DA	2183	1/1	0.72	0.14	96,96,96,96	0
55	MG	BA	2049	1/1	0.72	0.17	59,59,59,59	0
55	MG	BA	1835	1/1	0.72	0.22	106,106,106,106	0
55	MG	CD	306	1/1	0.72	0.09	65,65,65,65	0
55	MG	DA	1755	1/1	0.72	0.27	93,93,93,93	0
55	MG	AA	5261	1/1	0.72	0.10	73,73,73,73	0
55	MG	CA	4334	1/1	0.72	0.20	102,102,102,102	0
55	MG	BA	2152	1/1	0.72	0.09	83,83,83,83	0
55	MG	DA	1811	1/1	0.72	0.12	73,73,73,73	0
55	MG	DA	2060	1/1	0.72	0.24	72,72,72,72	0
55	MG	CA	4339	1/1	0.72	0.12	67,67,67,67	0
55	MG	CA	3749	1/1	0.73	0.24	105,105,105,105	0
55	MG	DA	1746	1/1	0.73	0.14	67,67,67,67	0
55	MG	DA	1753	1/1	0.73	0.14	52,52,52,52	0
55	MG	BA	1761	1/1	0.73	0.29	61,61,61,61	0
55	MG	DA	1767	1/1	0.73	0.27	118,118,118,118	0
55	MG	CB	244	1/1	0.73	0.27	76,76,76,76	0
55	MG	CA	2968	1/1	0.73	0.09	74,74,74,74	0
55	MG	DA	1805	1/1	0.73	0.10	85,85,85,85	0
55	MG	DA	2108	1/1	0.73	0.22	92,92,92,92	0
55	MG	AA	5185	1/1	0.73	0.12	102,102,102,102	0
55	MG	DA	2111	1/1	0.73	0.08	52,52,52,52	0
55	MG	CA	4280	1/1	0.73	0.18	84,84,84,84	0
55	MG	AA	4144	1/1	0.73	0.09	63,63,63,63	0
55	MG	CL	202	1/1	0.73	0.15	93,93,93,93	0
55	MG	AA	5033	1/1	0.73	0.14	88,88,88,88	0
55	MG	BA	1628	1/1	0.73	0.23	99,99,99,99	0
55	MG	DA	2127	1/1	0.73	0.17	68,68,68,68	0
55	MG	DA	1833	1/1	0.73	0.11	103,103,103,103	0
55	MG	CA	4333	1/1	0.73	0.26	76,76,76,76	0
55	MG	CA	3596	1/1	0.73	0.09	79,79,79,79	0
55	MG	CA	3597	1/1	0.73	0.30	89,89,89,89	0
55	MG	DA	1853	1/1	0.73	0.16	87,87,87,87	0
55	MG	BA	2114	1/1	0.73	0.21	60,60,60,60	0
55	MG	AA	4510	1/1	0.73	0.33	167,167,167,167	0
55	MG	AA	5041	1/1	0.73	0.07	84,84,84,84	0
55	MG	AA	5045	1/1	0.73	0.10	80,80,80,80	0
55	MG	BA	1849	1/1	0.73	0.17	135,135,135,135	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	5096	1/1	0.73	0.24	63,63,63,63	0
55	MG	DA	1630	1/1	0.73	0.15	133,133,133,133	0
55	MG	DV	108	1/1	0.73	0.19	111,111,111,111	0
55	MG	AA	4562	1/1	0.73	0.13	73,73,73,73	0
55	MG	AA	4826	1/1	0.73	0.17	73,73,73,73	0
55	MG	CA	3424	1/1	0.73	0.16	48,48,48,48	0
55	MG	AA	4039	1/1	0.73	0.10	85,85,85,85	0
55	MG	CA	2946	1/1	0.73	0.50	63,63,63,63	0
55	MG	CA	3462	1/1	0.73	0.17	64,64,64,64	0
55	MG	CA	4224	1/1	0.73	0.06	58,58,58,58	0
55	MG	AA	4657	1/1	0.74	0.36	69,69,69,69	0
55	MG	AA	4529	1/1	0.74	0.28	88,88,88,88	0
55	MG	BA	1816	1/1	0.74	0.10	86,86,86,86	0
55	MG	DA	2065	1/1	0.74	0.11	59,59,59,59	0
55	MG	AB	230	1/1	0.74	0.14	74,74,74,74	0
55	MG	DA	2094	1/1	0.74	0.18	44,44,44,44	0
55	MG	AA	4715	1/1	0.74	0.22	80,80,80,80	0
55	MG	AA	5228	1/1	0.74	0.19	73,73,73,73	0
55	MG	CA	4290	1/1	0.74	0.12	68,68,68,68	0
55	MG	AA	4229	1/1	0.74	0.18	34,34,34,34	0
55	MG	CA	4308	1/1	0.74	0.12	83,83,83,83	0
55	MG	AP	202	1/1	0.74	0.18	79,79,79,79	0
55	MG	CA	3625	1/1	0.74	0.25	59,59,59,59	0
55	MG	BA	2012	1/1	0.74	0.10	64,64,64,64	0
55	MG	CA	3352	1/1	0.74	0.14	61,61,61,61	0
55	MG	C4	102	1/1	0.74	0.43	70,70,70,70	0
55	MG	BA	2014	1/1	0.74	0.09	58,58,58,58	0
55	MG	CA	3394	1/1	0.74	0.12	54,54,54,54	0
55	MG	CA	3914	1/1	0.74	0.29	73,73,73,73	0
55	MG	AA	4143	1/1	0.74	0.12	128,128,128,128	0
55	MG	CA	4364	1/1	0.74	0.08	74,74,74,74	0
55	MG	BA	1855	1/1	0.74	0.10	75,75,75,75	0
55	MG	DA	1895	1/1	0.74	0.19	80,80,80,80	0
55	MG	CA	3449	1/1	0.74	0.08	49,49,49,49	0
55	MG	DA	1903	1/1	0.74	0.09	79,79,79,79	0
55	MG	AA	5247	1/1	0.74	0.21	91,91,91,91	0
55	MG	DA	1908	1/1	0.74	0.14	88,88,88,88	0
55	MG	BA	1882	1/1	0.74	0.14	92,92,92,92	0
55	MG	CA	4179	1/1	0.74	0.15	105,105,105,105	0
55	MG	DI	201	1/1	0.74	0.25	72,72,72,72	0
55	MG	DR	102	1/1	0.74	0.08	70,70,70,70	0
55	MG	DV	101	1/1	0.74	0.22	103,103,103,103	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1648	1/1	0.74	0.12	68,68,68,68	0
55	MG	AA	4609	1/1	0.74	0.16	76,76,76,76	0
55	MG	CB	203	1/1	0.74	0.10	100,100,100,100	0
55	MG	DA	1683	1/1	0.74	0.22	98,98,98,98	0
55	MG	DA	1928	1/1	0.74	0.12	68,68,68,68	0
55	MG	CA	4213	1/1	0.74	0.20	70,70,70,70	0
55	MG	CA	3745	1/1	0.74	0.13	60,60,60,60	0
55	MG	BA	1615	1/1	0.74	0.57	134,134,134,134	0
55	MG	CB	228	1/1	0.74	0.14	67,67,67,67	0
55	MG	DW	117	1/1	0.74	0.07	74,74,74,74	0
55	MG	BA	1934	1/1	0.75	0.18	87,87,87,87	0
55	MG	CA	3750	1/1	0.75	0.15	140,140,140,140	0
55	MG	AA	5227	1/1	0.75	0.06	75,75,75,75	0
55	MG	AB	246	1/1	0.75	0.15	94,94,94,94	0
55	MG	BV	116	1/1	0.75	0.13	74,74,74,74	0
55	MG	AA	5063	1/1	0.75	0.14	59,59,59,59	0
55	MG	AA	4089	1/1	0.75	0.22	96,96,96,96	0
55	MG	CA	3798	1/1	0.75	0.10	98,98,98,98	0
55	MG	CB	236	1/1	0.75	0.12	93,93,93,93	0
55	MG	DA	1671	1/1	0.75	0.17	78,78,78,78	0
55	MG	CA	3613	1/1	0.75	0.23	72,72,72,72	0
55	MG	BA	1737	1/1	0.75	0.14	46,46,46,46	0
55	MG	CA	3313	1/1	0.75	0.19	49,49,49,49	0
55	MG	AA	5233	1/1	0.75	0.18	74,74,74,74	0
55	MG	DA	2160	1/1	0.75	0.22	63,63,63,63	0
55	MG	CB	262	1/1	0.75	0.14	67,67,67,67	0
55	MG	AA	4664	1/1	0.75	0.14	74,74,74,74	0
55	MG	CA	3362	1/1	0.75	0.25	64,64,64,64	0
55	MG	BA	1875	1/1	0.75	0.25	78,78,78,78	0
55	MG	AA	4061	1/1	0.75	0.13	52,52,52,52	0
55	MG	DA	1943	1/1	0.75	0.14	64,64,64,64	0
55	MG	CA	2936	1/1	0.75	0.15	61,61,61,61	0
55	MG	BA	1899	1/1	0.75	0.20	79,79,79,79	0
55	MG	AA	4686	1/1	0.75	0.10	81,81,81,81	0
55	MG	AA	4998	1/1	0.75	0.18	86,86,86,86	0
55	MG	CA	4015	1/1	0.75	0.15	53,53,53,53	0
55	MG	AA	4803	1/1	0.75	0.10	85,85,85,85	0
55	MG	DA	1813	1/1	0.75	0.14	79,79,79,79	0
55	MG	CA	4070	1/1	0.75	0.14	46,46,46,46	0
55	MG	DA	2075	1/1	0.75	0.10	72,72,72,72	0
55	MG	AA	4813	1/1	0.75	0.11	76,76,76,76	0
55	MG	BA	1926	1/1	0.75	0.09	82,82,82,82	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1615	1/1	0.75	0.19	104,104,104,104	0
55	MG	DA	1616	1/1	0.75	0.11	113,113,113,113	0
55	MG	BW	104	1/1	0.76	0.14	96,96,96,96	0
55	MG	DA	1677	1/1	0.76	0.10	124,124,124,124	0
55	MG	DA	1999	1/1	0.76	0.20	108,108,108,108	0
55	MG	CA	3910	1/1	0.76	0.11	77,77,77,77	0
55	MG	DA	2052	1/1	0.76	0.21	66,66,66,66	0
55	MG	AA	4103	1/1	0.76	0.15	71,71,71,71	0
55	MG	BW	109	1/1	0.76	0.09	57,57,57,57	0
55	MG	BA	2070	1/1	0.76	0.09	66,66,66,66	0
55	MG	AA	4607	1/1	0.76	0.09	91,91,91,91	0
55	MG	CA	2935	1/1	0.76	0.09	65,65,65,65	0
55	MG	CB	231	1/1	0.76	0.08	76,76,76,76	0
55	MG	CB	233	1/1	0.76	0.11	83,83,83,83	0
55	MG	DA	1775	1/1	0.76	0.11	68,68,68,68	0
55	MG	AA	4052	1/1	0.76	0.11	72,72,72,72	0
55	MG	AA	4939	1/1	0.76	0.16	56,56,56,56	0
55	MG	DA	1798	1/1	0.76	0.10	117,117,117,117	0
55	MG	BA	2099	1/1	0.76	0.20	54,54,54,54	0
55	MG	BA	1879	1/1	0.76	0.26	94,94,94,94	0
55	MG	AA	4305	1/1	0.76	0.26	55,55,55,55	0
55	MG	BA	1883	1/1	0.76	0.07	77,77,77,77	0
55	MG	AA	5101	1/1	0.76	0.08	77,77,77,77	0
55	MG	BA	1902	1/1	0.76	0.12	63,63,63,63	0
55	MG	AA	4321	1/1	0.76	0.16	53,53,53,53	0
55	MG	AA	4629	1/1	0.76	0.09	112,112,112,112	0
55	MG	AA	4002	1/1	0.76	0.37	130,130,130,130	0
55	MG	AA	4046	1/1	0.76	0.22	108,108,108,108	0
55	MG	AA	4810	1/1	0.76	0.19	74,74,74,74	0
55	MG	AA	5204	1/1	0.76	0.10	71,71,71,71	0
55	MG	BA	1770	1/1	0.76	0.18	58,58,58,58	0
55	MG	AA	5205	1/1	0.76	0.09	83,83,83,83	0
55	MG	CA	3339	1/1	0.76	0.12	50,50,50,50	0
55	MG	DA	1882	1/1	0.76	0.16	77,77,77,77	0
55	MG	AA	4656	1/1	0.76	0.15	69,69,69,69	0
55	MG	AA	4723	1/1	0.76	0.10	83,83,83,83	0
55	MG	BA	1979	1/1	0.76	0.12	64,64,64,64	0
55	MG	AA	5230	1/1	0.76	0.12	102,102,102,102	0
55	MG	BV	106	1/1	0.76	0.17	113,113,113,113	0
55	MG	AA	4725	1/1	0.76	0.08	78,78,78,78	0
55	MG	BA	2003	1/1	0.76	0.13	49,49,49,49	0
55	MG	AA	5032	1/1	0.76	0.14	65,65,65,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	A3	101	1/1	0.76	0.13	100,100,100,100	0
55	MG	AA	4461	1/1	0.76	0.17	53,53,53,53	0
55	MG	BA	1842	1/1	0.76	0.11	63,63,63,63	0
55	MG	CA	4373	1/1	0.76	0.25	92,92,92,92	0
55	MG	DW	106	1/1	0.76	0.09	113,113,113,113	0
55	MG	CA	3859	1/1	0.76	0.23	96,96,96,96	0
55	MG	DA	1652	1/1	0.76	0.27	107,107,107,107	0
55	MG	DW	114	1/1	0.76	0.09	97,97,97,97	0
55	MG	DA	1660	1/1	0.76	0.19	126,126,126,126	0
55	MG	AA	4469	1/1	0.76	0.10	66,66,66,66	0
55	MG	BA	1639	1/1	0.77	0.12	62,62,62,62	0
55	MG	DA	1938	1/1	0.77	0.15	128,128,128,128	0
55	MG	AA	4009	1/1	0.77	0.09	56,56,56,56	0
55	MG	AA	4868	1/1	0.77	0.39	62,62,62,62	0
55	MG	BA	2145	1/1	0.77	0.13	97,97,97,97	0
55	MG	BA	1649	1/1	0.77	0.14	96,96,96,96	0
55	MG	BA	2156	1/1	0.77	0.11	95,95,95,95	0
55	MG	DA	2001	1/1	0.77	0.09	70,70,70,70	0
55	MG	DA	1687	1/1	0.77	0.11	86,86,86,86	0
55	MG	AA	4684	1/1	0.77	0.20	73,73,73,73	0
55	MG	AA	5267	1/1	0.77	0.33	96,96,96,96	0
55	MG	AA	5212	1/1	0.77	0.11	74,74,74,74	0
55	MG	DA	1752	1/1	0.77	0.08	89,89,89,89	0
55	MG	CA	4106	1/1	0.77	0.06	49,49,49,49	0
55	MG	CA	4112	1/1	0.77	0.09	49,49,49,49	0
55	MG	BA	1674	1/1	0.77	0.09	118,118,118,118	0
55	MG	BA	1680	1/1	0.77	0.10	72,72,72,72	0
55	MG	DA	2102	1/1	0.77	0.22	87,87,87,87	0
55	MG	CA	3088	1/1	0.77	0.11	76,76,76,76	0
55	MG	CB	246	1/1	0.77	0.15	53,53,53,53	0
55	MG	CA	4211	1/1	0.77	0.20	67,67,67,67	0
55	MG	DA	1800	1/1	0.77	0.20	63,63,63,63	0
55	MG	CB	259	1/1	0.77	0.15	78,78,78,78	0
55	MG	BA	2043	1/1	0.77	0.21	62,62,62,62	0
55	MG	AA	5291	1/1	0.77	0.09	78,78,78,78	0
55	MG	AA	4506	1/1	0.77	0.15	65,65,65,65	0
55	MG	BA	1900	1/1	0.77	0.24	98,98,98,98	0
55	MG	DA	1821	1/1	0.77	0.10	82,82,82,82	0
55	MG	AA	4716	1/1	0.77	0.21	76,76,76,76	0
55	MG	AA	4018	1/1	0.77	0.26	125,125,125,125	0
55	MG	DA	1829	1/1	0.77	0.16	123,123,123,123	0
55	MG	BV	121	1/1	0.77	0.13	65,65,65,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	1608	1/1	0.77	0.20	69,69,69,69	0
55	MG	AA	4719	1/1	0.77	0.46	74,74,74,74	0
55	MG	BV	126	1/1	0.77	0.16	75,75,75,75	0
55	MG	AA	5174	1/1	0.77	0.10	63,63,63,63	0
55	MG	BA	2102	1/1	0.77	0.14	80,80,80,80	0
55	MG	DA	1857	1/1	0.77	0.11	79,79,79,79	0
55	MG	DA	1863	1/1	0.77	0.12	86,86,86,86	0
55	MG	DA	2184	1/1	0.77	0.24	79,79,79,79	0
55	MG	CA	3797	1/1	0.77	0.14	83,83,83,83	0
55	MG	DA	2191	1/1	0.77	0.10	92,92,92,92	0
55	MG	AA	4079	1/1	0.77	0.14	76,76,76,76	0
55	MG	DA	2204	1/1	0.77	0.07	66,66,66,66	0
55	MG	BA	1625	1/1	0.77	0.17	91,91,91,91	0
55	MG	BA	1821	1/1	0.77	0.17	81,81,81,81	0
55	MG	CA	3494	1/1	0.77	0.10	40,40,40,40	0
55	MG	DA	1622	1/1	0.77	0.16	77,77,77,77	0
55	MG	AA	4259	1/1	0.77	0.28	42,42,42,42	0
55	MG	DV	116	1/1	0.77	0.18	77,77,77,77	0
55	MG	AB	225	1/1	0.77	0.10	89,89,89,89	0
55	MG	DA	1629	1/1	0.77	0.14	89,89,89,89	0
55	MG	BA	1970	1/1	0.77	0.13	61,61,61,61	0
55	MG	CA	3544	1/1	0.77	0.10	53,53,53,53	0
55	MG	DA	1913	1/1	0.77	0.09	93,93,93,93	0
55	MG	CA	3873	1/1	0.77	0.10	77,77,77,77	0
55	MG	CA	3876	1/1	0.77	0.07	76,76,76,76	0
55	MG	BA	2131	1/1	0.77	0.11	70,70,70,70	0
55	MG	CA	4389	1/1	0.77	0.13	93,93,93,93	0
55	MG	CA	3885	1/1	0.77	0.10	77,77,77,77	0
55	MG	DA	1612	1/1	0.78	0.28	141,141,141,141	0
55	MG	AA	4138	1/1	0.78	0.12	69,69,69,69	0
55	MG	AA	4013	1/1	0.78	0.09	55,55,55,55	0
55	MG	BW	112	1/1	0.78	0.14	97,97,97,97	0
55	MG	BW	113	1/1	0.78	0.06	56,56,56,56	0
55	MG	AA	4668	1/1	0.78	0.09	74,74,74,74	0
55	MG	CA	2921	1/1	0.78	0.21	63,63,63,63	0
55	MG	AA	4924	1/1	0.78	0.20	78,78,78,78	0
55	MG	AA	4099	1/1	0.78	0.29	88,88,88,88	0
55	MG	AA	4538	1/1	0.78	0.11	65,65,65,65	0
55	MG	CA	2938	1/1	0.78	0.33	107,107,107,107	0
55	MG	DA	1992	1/1	0.78	0.08	53,53,53,53	0
55	MG	BA	1657	1/1	0.78	0.07	52,52,52,52	0
55	MG	AA	5078	1/1	0.78	0.19	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	2962	1/1	0.78	0.13	71,71,71,71	0
55	MG	BA	2106	1/1	0.78	0.32	124,124,124,124	0
55	MG	CA	2974	1/1	0.78	0.09	59,59,59,59	0
55	MG	AB	233	1/1	0.78	0.04	64,64,64,64	0
55	MG	CA	4336	1/1	0.78	0.14	62,62,62,62	0
55	MG	DA	2064	1/1	0.78	0.08	52,52,52,52	0
55	MG	AB	236	1/1	0.78	0.18	64,64,64,64	0
55	MG	DA	2067	1/1	0.78	0.16	55,55,55,55	0
55	MG	DA	2070	1/1	0.78	0.08	90,90,90,90	0
55	MG	CA	4347	1/1	0.78	0.34	81,81,81,81	0
55	MG	CA	3752	1/1	0.78	0.07	68,68,68,68	0
55	MG	BA	1667	1/1	0.78	0.14	50,50,50,50	0
55	MG	CA	4352	1/1	0.78	0.17	80,80,80,80	0
55	MG	CA	3062	1/1	0.78	0.14	68,68,68,68	0
55	MG	DA	1724	1/1	0.78	0.15	41,41,41,41	0
55	MG	BA	1903	1/1	0.78	0.10	62,62,62,62	0
55	MG	BA	2129	1/1	0.78	0.21	36,36,36,36	0
55	MG	BA	1671	1/1	0.78	0.13	112,112,112,112	0
55	MG	AA	5095	1/1	0.78	0.22	57,57,57,57	0
55	MG	BA	1920	1/1	0.78	0.14	92,92,92,92	0
55	MG	AA	4126	1/1	0.78	0.17	95,95,95,95	0
55	MG	BA	1681	1/1	0.78	0.10	162,162,162,162	0
55	MG	AA	4730	1/1	0.78	0.10	73,73,73,73	0
55	MG	BA	2147	1/1	0.78	0.12	121,121,121,121	0
55	MG	CA	3833	1/1	0.78	0.16	75,75,75,75	0
55	MG	AA	4620	1/1	0.78	0.09	70,70,70,70	0
55	MG	DA	2136	1/1	0.78	0.18	52,52,52,52	0
55	MG	CA	3849	1/1	0.78	0.20	119,119,119,119	0
55	MG	BA	1748	1/1	0.78	0.18	57,57,57,57	0
55	MG	AS	202	1/1	0.78	0.09	56,56,56,56	0
55	MG	DA	2144	1/1	0.78	0.17	63,63,63,63	0
55	MG	CA	3357	1/1	0.78	0.11	25,25,25,25	0
55	MG	BA	1765	1/1	0.78	0.21	93,93,93,93	0
55	MG	DA	2166	1/1	0.78	0.14	69,69,69,69	0
55	MG	AA	4541	1/1	0.78	0.45	78,78,78,78	0
55	MG	BA	1781	1/1	0.78	0.17	64,64,64,64	0
55	MG	AA	5137	1/1	0.78	0.15	64,64,64,64	0
55	MG	DA	2182	1/1	0.78	0.11	75,75,75,75	0
55	MG	A4	101	1/1	0.78	0.34	117,117,117,117	0
55	MG	AA	5141	1/1	0.78	0.13	58,58,58,58	0
55	MG	BV	111	1/1	0.78	0.08	65,65,65,65	0
55	MG	CA	3917	1/1	0.78	0.10	70,70,70,70	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3950	1/1	0.78	0.07	75,75,75,75	0
55	MG	BA	1607	1/1	0.78	0.19	90,90,90,90	0
55	MG	BA	2007	1/1	0.78	0.18	82,82,82,82	0
55	MG	DL	201	1/1	0.78	0.08	58,58,58,58	0
55	MG	AA	5011	1/1	0.78	0.30	87,87,87,87	0
55	MG	CA	4025	1/1	0.78	0.26	76,76,76,76	0
55	MG	AA	4473	1/1	0.78	0.39	91,91,91,91	0
55	MG	DA	1880	1/1	0.78	0.14	104,104,104,104	0
55	MG	AA	4025	1/1	0.78	0.12	59,59,59,59	0
55	MG	DA	1887	1/1	0.78	0.27	113,113,113,113	0
55	MG	BA	1622	1/1	0.78	0.15	122,122,122,122	0
55	MG	DA	1893	1/1	0.78	0.15	65,65,65,65	0
55	MG	BV	124	1/1	0.78	0.08	62,62,62,62	0
55	MG	AA	4076	1/1	0.78	0.34	90,90,90,90	0
55	MG	AA	4856	1/1	0.78	0.23	42,42,42,42	0
55	MG	DA	1601	1/1	0.78	0.14	92,92,92,92	0
55	MG	BA	2052	1/1	0.78	0.24	81,81,81,81	0
55	MG	CA	4207	1/1	0.78	0.18	62,62,62,62	0
55	MG	BA	1843	1/1	0.78	0.22	87,87,87,87	0
55	MG	DW	118	1/1	0.78	0.13	157,157,157,157	0
55	MG	DW	120	1/1	0.78	0.07	73,73,73,73	0
55	MG	DA	2017	1/1	0.79	0.21	76,76,76,76	0
55	MG	CA	3913	1/1	0.79	0.08	77,77,77,77	0
55	MG	BA	1942	1/1	0.79	0.13	77,77,77,77	0
55	MG	CA	3563	1/1	0.79	0.30	62,62,62,62	0
55	MG	BA	1800	1/1	0.79	0.08	73,73,73,73	0
55	MG	CA	3583	1/1	0.79	0.14	111,111,111,111	0
55	MG	AA	5121	1/1	0.79	0.11	78,78,78,78	0
55	MG	CA	3956	1/1	0.79	0.10	64,64,64,64	0
55	MG	AA	4350	1/1	0.79	0.16	43,43,43,43	0
55	MG	AA	5132	1/1	0.79	0.13	62,62,62,62	0
55	MG	CB	235	1/1	0.79	0.06	58,58,58,58	0
55	MG	BA	1972	1/1	0.79	0.18	55,55,55,55	0
55	MG	DA	2099	1/1	0.79	0.12	55,55,55,55	0
55	MG	AA	4352	1/1	0.79	0.27	66,66,66,66	0
55	MG	CA	2973	1/1	0.79	0.25	99,99,99,99	0
55	MG	AA	4590	1/1	0.79	0.14	66,66,66,66	0
55	MG	CA	2994	1/1	0.79	0.13	49,49,49,49	0
55	MG	CA	4125	1/1	0.79	0.20	76,76,76,76	0
55	MG	CA	4140	1/1	0.79	0.14	57,57,57,57	0
55	MG	CA	3704	1/1	0.79	0.09	61,61,61,61	0
55	MG	BA	1989	1/1	0.79	0.11	74,74,74,74	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	2115	1/1	0.79	0.33	92,92,92,92	0
55	MG	DA	2116	1/1	0.79	0.28	89,89,89,89	0
55	MG	AA	4074	1/1	0.79	0.12	54,54,54,54	0
55	MG	CA	4199	1/1	0.79	0.10	70,70,70,70	0
55	MG	AA	5147	1/1	0.79	0.18	61,61,61,61	0
55	MG	CQ	205	1/1	0.79	0.24	81,81,81,81	0
55	MG	BA	1663	1/1	0.79	0.14	95,95,95,95	0
55	MG	BA	1664	1/1	0.79	0.07	86,86,86,86	0
55	MG	DA	1848	1/1	0.79	0.16	67,67,67,67	0
55	MG	BA	1665	1/1	0.79	0.18	83,83,83,83	0
55	MG	AA	4603	1/1	0.79	0.14	68,68,68,68	0
55	MG	BA	1856	1/1	0.79	0.25	85,85,85,85	0
55	MG	AA	4310	1/1	0.79	0.12	37,37,37,37	0
55	MG	DA	1866	1/1	0.79	0.20	74,74,74,74	0
55	MG	DA	2153	1/1	0.79	0.14	87,87,87,87	0
55	MG	DA	1870	1/1	0.79	0.13	76,76,76,76	0
55	MG	AA	4458	1/1	0.79	0.22	65,65,65,65	0
55	MG	AA	4535	1/1	0.79	0.16	70,70,70,70	0
55	MG	CA	4268	1/1	0.79	0.11	53,53,53,53	0
55	MG	BV	113	1/1	0.79	0.10	82,82,82,82	0
55	MG	CA	4283	1/1	0.79	0.08	55,55,55,55	0
55	MG	CA	3177	1/1	0.79	0.21	42,42,42,42	0
55	MG	AA	4158	1/1	0.79	0.15	100,100,100,100	0
55	MG	BA	1682	1/1	0.79	0.12	105,105,105,105	0
55	MG	BA	2056	1/1	0.79	0.07	72,72,72,72	0
55	MG	BA	1884	1/1	0.79	0.21	76,76,76,76	0
55	MG	BA	1726	1/1	0.79	0.21	57,57,57,57	0
55	MG	AA	4986	1/1	0.79	0.11	65,65,65,65	0
55	MG	AA	4823	1/1	0.79	0.09	51,51,51,51	0
55	MG	BA	1617	1/1	0.79	0.08	99,99,99,99	0
55	MG	CA	3411	1/1	0.79	0.10	53,53,53,53	0
55	MG	DA	1918	1/1	0.79	0.09	88,88,88,88	0
55	MG	BA	1905	1/1	0.79	0.10	64,64,64,64	0
55	MG	AA	5091	1/1	0.79	0.09	52,52,52,52	0
55	MG	DA	1925	1/1	0.79	0.10	89,89,89,89	0
55	MG	AA	4329	1/1	0.79	0.27	76,76,76,76	0
55	MG	AB	228	1/1	0.79	0.08	75,75,75,75	0
55	MG	AA	4470	1/1	0.79	0.17	62,62,62,62	0
55	MG	AA	5001	1/1	0.79	0.19	53,53,53,53	0
55	MG	BA	2119	1/1	0.79	0.19	88,88,88,88	0
55	MG	AA	4346	1/1	0.79	0.31	49,49,49,49	0
55	MG	CA	3497	1/1	0.79	0.33	107,107,107,107	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4375	1/1	0.79	0.35	85,85,85,85	0
55	MG	BA	1642	1/1	0.79	0.16	67,67,67,67	0
55	MG	CA	2927	1/1	0.79	0.11	57,57,57,57	0
55	MG	CA	2929	1/1	0.79	0.15	81,81,81,81	0
55	MG	DA	1786	1/1	0.80	0.07	93,93,93,93	0
55	MG	DA	1789	1/1	0.80	0.10	90,90,90,90	0
55	MG	DA	1790	1/1	0.80	0.21	91,91,91,91	0
55	MG	AA	4054	1/1	0.80	0.18	79,79,79,79	0
55	MG	BA	1980	1/1	0.80	0.14	53,53,53,53	0
55	MG	BW	117	1/1	0.80	0.05	77,77,77,77	0
55	MG	CA	2903	1/1	0.80	0.23	80,80,80,80	0
55	MG	BA	1988	1/1	0.80	0.11	66,66,66,66	0
55	MG	DA	2088	1/1	0.80	0.08	94,94,94,94	0
55	MG	CA	2920	1/1	0.80	0.23	63,63,63,63	0
55	MG	DA	2095	1/1	0.80	0.09	79,79,79,79	0
55	MG	CA	3422	1/1	0.80	0.21	44,44,44,44	0
55	MG	BA	1872	1/1	0.80	0.14	64,64,64,64	0
55	MG	AA	5152	1/1	0.80	0.20	71,71,71,71	0
55	MG	BA	1631	1/1	0.80	0.17	94,94,94,94	0
55	MG	CA	4236	1/1	0.80	0.17	45,45,45,45	0
55	MG	CA	3793	1/1	0.80	0.16	77,77,77,77	0
55	MG	AA	5249	1/1	0.80	0.08	69,69,69,69	0
55	MG	AA	5165	1/1	0.80	0.23	62,62,62,62	0
55	MG	CA	4255	1/1	0.80	0.14	89,89,89,89	0
55	MG	AB	240	1/1	0.80	0.07	65,65,65,65	0
55	MG	BA	1895	1/1	0.80	0.10	51,51,51,51	0
55	MG	BA	1780	1/1	0.80	0.09	72,72,72,72	0
55	MG	AA	5253	1/1	0.80	0.18	90,90,90,90	0
55	MG	CA	2954	1/1	0.80	0.14	76,76,76,76	0
55	MG	DA	1862	1/1	0.80	0.11	75,75,75,75	0
55	MG	CA	3500	1/1	0.80	0.27	69,69,69,69	0
55	MG	CA	3844	1/1	0.80	0.09	54,54,54,54	0
55	MG	CA	4316	1/1	0.80	0.13	60,60,60,60	0
55	MG	CA	4327	1/1	0.80	0.07	58,58,58,58	0
55	MG	BI	201	1/1	0.80	0.17	96,96,96,96	0
55	MG	CA	3850	1/1	0.80	0.32	89,89,89,89	0
55	MG	DA	2141	1/1	0.80	0.16	85,85,85,85	0
55	MG	CA	3521	1/1	0.80	0.18	42,42,42,42	0
55	MG	CA	3536	1/1	0.80	0.20	72,72,72,72	0
55	MG	DA	1888	1/1	0.80	0.08	98,98,98,98	0
55	MG	CA	3861	1/1	0.80	0.09	56,56,56,56	0
55	MG	AA	5168	1/1	0.80	0.07	71,71,71,71	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	2047	1/1	0.80	0.08	58,58,58,58	0
55	MG	AA	4633	1/1	0.80	0.11	59,59,59,59	0
55	MG	BA	1792	1/1	0.80	0.16	76,76,76,76	0
55	MG	CA	3903	1/1	0.80	0.12	135,135,135,135	0
55	MG	AA	5184	1/1	0.80	0.17	73,73,73,73	0
55	MG	AA	4821	1/1	0.80	0.06	70,70,70,70	0
55	MG	BA	1915	1/1	0.80	0.09	58,58,58,58	0
55	MG	AA	5277	1/1	0.80	0.18	72,72,72,72	0
55	MG	AA	4906	1/1	0.80	0.21	63,63,63,63	0
55	MG	AA	5018	1/1	0.80	0.13	44,44,44,44	0
55	MG	DA	1673	1/1	0.80	0.22	90,90,90,90	0
55	MG	CA	4383	1/1	0.80	0.09	58,58,58,58	0
55	MG	AA	4077	1/1	0.80	0.13	62,62,62,62	0
55	MG	CA	3639	1/1	0.80	0.11	78,78,78,78	0
55	MG	CA	4396	1/1	0.80	0.15	90,90,90,90	0
55	MG	BA	1606	1/1	0.80	0.11	82,82,82,82	0
55	MG	DA	1937	1/1	0.80	0.23	85,85,85,85	0
55	MG	AA	4148	1/1	0.80	0.09	71,71,71,71	0
55	MG	CA	3972	1/1	0.80	0.17	46,46,46,46	0
55	MG	DA	1722	1/1	0.80	0.15	73,73,73,73	0
55	MG	BA	1944	1/1	0.80	0.11	77,77,77,77	0
55	MG	AA	4948	1/1	0.80	0.20	56,56,56,56	0
55	MG	DA	1993	1/1	0.80	0.22	55,55,55,55	0
55	MG	CA	3089	1/1	0.80	0.10	81,81,81,81	0
55	MG	AA	4504	1/1	0.80	0.10	67,67,67,67	0
55	MG	AA	4166	1/1	0.80	0.12	75,75,75,75	0
55	MG	AA	4667	1/1	0.80	0.17	120,120,120,120	0
55	MG	AA	4051	1/1	0.80	0.10	54,54,54,54	0
55	MG	AA	4746	1/1	0.80	0.06	71,71,71,71	0
55	MG	CA	3436	1/1	0.81	0.26	46,46,46,46	0
55	MG	BA	1913	1/1	0.81	0.08	84,84,84,84	0
55	MG	AA	4994	1/1	0.81	0.24	63,63,63,63	0
55	MG	BA	1778	1/1	0.81	0.09	64,64,64,64	0
55	MG	BA	1619	1/1	0.81	0.12	81,81,81,81	0
55	MG	DA	2002	1/1	0.81	0.07	59,59,59,59	0
55	MG	DA	2014	1/1	0.81	0.11	78,78,78,78	0
55	MG	AA	4764	1/1	0.81	0.30	112,112,112,112	0
55	MG	AA	4545	1/1	0.81	0.16	65,65,65,65	0
55	MG	AB	211	1/1	0.81	0.22	62,62,62,62	0
55	MG	DA	1750	1/1	0.81	0.06	27,27,27,27	0
55	MG	AA	4446	1/1	0.81	0.18	51,51,51,51	0
55	MG	CA	4386	1/1	0.81	0.26	59,59,59,59	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	5206	1/1	0.81	0.31	78,78,78,78	0
55	MG	AA	4132	1/1	0.81	0.14	63,63,63,63	0
55	MG	DA	1771	1/1	0.81	0.27	77,77,77,77	0
55	MG	CA	3907	1/1	0.81	0.16	79,79,79,79	0
55	MG	BA	1802	1/1	0.81	0.27	66,66,66,66	0
55	MG	AA	5226	1/1	0.81	0.14	78,78,78,78	0
55	MG	DA	2093	1/1	0.81	0.10	89,89,89,89	0
55	MG	CA	2941	1/1	0.81	0.26	71,71,71,71	0
55	MG	CA	2944	1/1	0.81	0.23	94,94,94,94	0
55	MG	DA	2096	1/1	0.81	0.11	38,38,38,38	0
55	MG	BA	1954	1/1	0.81	0.23	56,56,56,56	0
55	MG	AA	5119	1/1	0.81	0.20	80,80,80,80	0
55	MG	CA	3580	1/1	0.81	0.09	59,59,59,59	0
55	MG	DA	1804	1/1	0.81	0.19	69,69,69,69	0
55	MG	CB	223	1/1	0.81	0.09	36,36,36,36	0
55	MG	AA	4874	1/1	0.81	0.17	41,41,41,41	0
55	MG	BA	2141	1/1	0.81	0.11	85,85,85,85	0
55	MG	AA	4565	1/1	0.81	0.18	61,61,61,61	0
55	MG	CA	3997	1/1	0.81	0.11	51,51,51,51	0
55	MG	BA	2144	1/1	0.81	0.15	92,92,92,92	0
55	MG	AB	232	1/1	0.81	0.14	93,93,93,93	0
55	MG	CA	4036	1/1	0.81	0.19	83,83,83,83	0
55	MG	BA	1652	1/1	0.81	0.10	84,84,84,84	0
55	MG	BA	1840	1/1	0.81	0.24	96,96,96,96	0
55	MG	CA	3011	1/1	0.81	0.12	59,59,59,59	0
55	MG	CA	3647	1/1	0.81	0.27	69,69,69,69	0
55	MG	CA	3013	1/1	0.81	0.27	128,128,128,128	0
55	MG	AA	4024	1/1	0.81	0.08	82,82,82,82	0
55	MG	CE	304	1/1	0.81	0.39	59,59,59,59	0
55	MG	CA	3688	1/1	0.81	0.23	70,70,70,70	0
55	MG	DA	1856	1/1	0.81	0.08	83,83,83,83	0
55	MG	AA	5232	1/1	0.81	0.06	76,76,76,76	0
55	MG	AB	237	1/1	0.81	0.19	72,72,72,72	0
55	MG	CA	3710	1/1	0.81	0.18	89,89,89,89	0
55	MG	AA	4898	1/1	0.81	0.18	67,67,67,67	0
55	MG	AA	5241	1/1	0.81	0.18	91,91,91,91	0
55	MG	DA	2163	1/1	0.81	0.09	66,66,66,66	0
55	MG	AA	5027	1/1	0.81	0.13	68,68,68,68	0
55	MG	BA	2011	1/1	0.81	0.12	73,73,73,73	0
55	MG	AA	5143	1/1	0.81	0.28	71,71,71,71	0
55	MG	AA	5145	1/1	0.81	0.12	58,58,58,58	0
55	MG	CA	3084	1/1	0.81	0.04	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4518	1/1	0.81	0.57	98,98,98,98	0
55	MG	BA	2022	1/1	0.81	0.07	73,73,73,73	0
55	MG	BA	2028	1/1	0.81	0.09	64,64,64,64	0
55	MG	AA	4815	1/1	0.81	0.14	102,102,102,102	0
55	MG	CA	3309	1/1	0.81	0.14	61,61,61,61	0
55	MG	DA	2202	1/1	0.81	0.11	80,80,80,80	0
55	MG	AA	4136	1/1	0.81	0.09	91,91,91,91	0
55	MG	DH	201	1/1	0.81	0.13	100,100,100,100	0
55	MG	AA	5157	1/1	0.81	0.10	58,58,58,58	0
55	MG	AA	4084	1/1	0.81	0.20	61,61,61,61	0
55	MG	BA	1720	1/1	0.81	0.20	54,54,54,54	0
55	MG	CA	4292	1/1	0.81	0.15	64,64,64,64	0
55	MG	DV	103	1/1	0.81	0.16	79,79,79,79	0
55	MG	AA	5269	1/1	0.81	0.22	109,109,109,109	0
55	MG	AA	4062	1/1	0.81	0.13	126,126,126,126	0
55	MG	AA	4309	1/1	0.81	0.19	57,57,57,57	0
55	MG	CA	4319	1/1	0.81	0.08	55,55,55,55	0
55	MG	CA	3799	1/1	0.81	0.35	111,111,111,111	0
55	MG	AA	4019	1/1	0.81	0.07	85,85,85,85	0
55	MG	BA	2083	1/1	0.81	0.07	92,92,92,92	0
55	MG	CA	3412	1/1	0.81	0.08	57,57,57,57	0
55	MG	DA	1654	1/1	0.81	0.30	131,131,131,131	0
55	MG	BA	1612	1/1	0.81	0.14	98,98,98,98	0
55	MG	BA	2087	1/1	0.81	0.16	94,94,94,94	0
55	MG	AA	4832	1/1	0.81	0.20	75,75,75,75	0
55	MG	CA	3841	1/1	0.81	0.07	71,71,71,71	0
55	MG	DA	1950	1/1	0.81	0.59	155,155,155,155	0
55	MG	CA	3434	1/1	0.81	0.47	56,56,56,56	0
55	MG	BA	2160	1/1	0.82	0.15	91,91,91,91	0
55	MG	BA	2169	1/1	0.82	0.18	72,72,72,72	0
55	MG	DA	1932	1/1	0.82	0.13	66,66,66,66	0
55	MG	AA	4757	1/1	0.82	0.08	78,78,78,78	0
55	MG	AA	5117	1/1	0.82	0.34	77,77,77,77	0
55	MG	BA	1830	1/1	0.82	0.09	61,61,61,61	0
55	MG	DA	1633	1/1	0.82	0.14	94,94,94,94	0
55	MG	DA	1635	1/1	0.82	0.17	93,93,93,93	0
55	MG	DA	1952	1/1	0.82	0.12	66,66,66,66	0
55	MG	AA	4828	1/1	0.82	0.09	53,53,53,53	0
55	MG	CA	4261	1/1	0.82	0.10	48,48,48,48	0
55	MG	BQ	202	1/1	0.82	0.16	78,78,78,78	0
55	MG	CA	3740	1/1	0.82	0.22	77,77,77,77	0
55	MG	AA	4119	1/1	0.82	0.16	67,67,67,67	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4284	1/1	0.82	0.19	63,63,63,63	0
55	MG	CA	4285	1/1	0.82	0.07	46,46,46,46	0
55	MG	DA	1657	1/1	0.82	0.22	68,68,68,68	0
55	MG	BA	1841	1/1	0.82	0.09	60,60,60,60	0
55	MG	DA	2023	1/1	0.82	0.16	65,65,65,65	0
55	MG	DA	2037	1/1	0.82	0.18	95,95,95,95	0
55	MG	CA	3747	1/1	0.82	0.15	46,46,46,46	0
55	MG	BA	1999	1/1	0.82	0.19	85,85,85,85	0
55	MG	CA	4302	1/1	0.82	0.23	26,26,26,26	0
55	MG	BA	1658	1/1	0.82	0.14	73,73,73,73	0
55	MG	DA	1680	1/1	0.82	0.10	83,83,83,83	0
55	MG	CA	3235	1/1	0.82	0.17	35,35,35,35	0
55	MG	CA	3271	1/1	0.82	0.25	52,52,52,52	0
55	MG	CA	3277	1/1	0.82	0.21	49,49,49,49	0
55	MG	AA	4834	1/1	0.82	0.09	50,50,50,50	0
55	MG	AA	5236	1/1	0.82	0.24	66,66,66,66	0
55	MG	AA	4644	1/1	0.82	0.20	75,75,75,75	0
55	MG	BA	1854	1/1	0.82	0.13	71,71,71,71	0
55	MG	CA	3347	1/1	0.82	0.13	60,60,60,60	0
55	MG	AA	4332	1/1	0.82	0.15	53,53,53,53	0
55	MG	AA	4524	1/1	0.82	0.22	87,87,87,87	0
55	MG	BA	1863	1/1	0.82	0.10	56,56,56,56	0
55	MG	AA	4292	1/1	0.82	0.20	65,65,65,65	0
55	MG	DA	1756	1/1	0.82	0.16	106,106,106,106	0
55	MG	AA	4087	1/1	0.82	0.25	86,86,86,86	0
55	MG	DA	2105	1/1	0.82	0.09	52,52,52,52	0
55	MG	CA	3402	1/1	0.82	0.28	63,63,63,63	0
55	MG	DA	1773	1/1	0.82	0.11	83,83,83,83	0
55	MG	CA	4355	1/1	0.82	0.08	47,47,47,47	0
55	MG	BA	1669	1/1	0.82	0.08	60,60,60,60	0
55	MG	AA	5025	1/1	0.82	0.10	92,92,92,92	0
55	MG	AA	4014	1/1	0.82	0.14	80,80,80,80	0
55	MG	A3	102	1/1	0.82	0.21	77,77,77,77	0
55	MG	AA	4477	1/1	0.82	0.25	59,59,59,59	0
55	MG	AA	4802	1/1	0.82	0.13	82,82,82,82	0
55	MG	AA	4362	1/1	0.82	0.12	49,49,49,49	0
55	MG	AA	5036	1/1	0.82	0.07	45,45,45,45	0
55	MG	DA	2125	1/1	0.82	0.15	63,63,63,63	0
55	MG	AA	4727	1/1	0.82	0.10	75,75,75,75	0
55	MG	DA	2130	1/1	0.82	0.11	84,84,84,84	0
55	MG	CA	3455	1/1	0.82	0.25	60,60,60,60	0
55	MG	AA	5280	1/1	0.82	0.16	85,85,85,85	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3877	1/1	0.82	0.12	65,65,65,65	0
55	MG	BA	2096	1/1	0.82	0.07	76,76,76,76	0
55	MG	DA	1815	1/1	0.82	0.12	75,75,75,75	0
55	MG	AA	4098	1/1	0.82	0.20	87,87,87,87	0
55	MG	CA	3899	1/1	0.82	0.08	71,71,71,71	0
55	MG	DA	2146	1/1	0.82	0.34	69,69,69,69	0
55	MG	BA	1907	1/1	0.82	0.19	58,58,58,58	0
55	MG	BA	1752	1/1	0.82	0.23	69,69,69,69	0
55	MG	BA	1911	1/1	0.82	0.13	73,73,73,73	0
55	MG	AA	4257	1/1	0.82	0.32	41,41,41,41	0
55	MG	AA	5049	1/1	0.82	0.12	69,69,69,69	0
55	MG	BA	1618	1/1	0.82	0.09	62,62,62,62	0
55	MG	AA	5195	1/1	0.82	0.56	80,80,80,80	0
55	MG	CA	3537	1/1	0.82	0.13	60,60,60,60	0
55	MG	CA	3936	1/1	0.82	0.38	82,82,82,82	0
55	MG	CA	3539	1/1	0.82	0.14	78,78,78,78	0
55	MG	BA	2115	1/1	0.82	0.09	56,56,56,56	0
55	MG	AA	5198	1/1	0.82	0.06	62,62,62,62	0
55	MG	CA	3553	1/1	0.82	0.19	48,48,48,48	0
55	MG	AA	5062	1/1	0.82	0.14	56,56,56,56	0
55	MG	CA	2949	1/1	0.82	0.11	81,81,81,81	0
55	MG	CA	4000	1/1	0.82	0.13	47,47,47,47	0
55	MG	BA	1785	1/1	0.82	0.18	73,73,73,73	0
55	MG	CA	2953	1/1	0.82	0.08	71,71,71,71	0
55	MG	BA	1933	1/1	0.82	0.16	64,64,64,64	0
55	MG	DO	101	1/1	0.82	0.10	98,98,98,98	0
55	MG	AA	4559	1/1	0.82	0.14	87,87,87,87	0
55	MG	BA	1939	1/1	0.82	0.08	69,69,69,69	0
55	MG	AA	4957	1/1	0.82	0.08	47,47,47,47	0
55	MG	AA	4971	1/1	0.82	0.20	68,68,68,68	0
55	MG	AB	224	1/1	0.82	0.13	94,94,94,94	0
55	MG	CA	4133	1/1	0.82	0.10	51,51,51,51	0
55	MG	BA	1798	1/1	0.82	0.10	60,60,60,60	0
55	MG	DV	119	1/1	0.82	0.13	72,72,72,72	0
55	MG	AA	4748	1/1	0.82	0.10	104,104,104,104	0
55	MG	CA	4176	1/1	0.82	0.06	68,68,68,68	0
55	MG	CA	3653	1/1	0.82	0.19	82,82,82,82	0
55	MG	DW	105	1/1	0.82	0.09	92,92,92,92	0
55	MG	BA	1640	1/1	0.82	0.13	75,75,75,75	0
55	MG	CA	3048	1/1	0.82	0.11	88,88,88,88	0
55	MG	AA	4751	1/1	0.82	0.09	96,96,96,96	0
55	MG	CA	3694	1/1	0.82	0.07	76,76,76,76	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	1644	1/1	0.82	0.18	91,91,91,91	0
55	MG	AA	4128	1/1	0.82	0.08	69,69,69,69	0
55	MG	CA	3706	1/1	0.82	0.18	48,48,48,48	0
55	MG	DA	1621	1/1	0.82	0.08	97,97,97,97	0
55	MG	BA	1929	1/1	0.83	0.14	72,72,72,72	0
55	MG	CA	3627	1/1	0.83	0.22	88,88,88,88	0
55	MG	AA	4328	1/1	0.83	0.23	40,40,40,40	0
55	MG	CA	3090	1/1	0.83	0.30	82,82,82,82	0
55	MG	CA	3943	1/1	0.83	0.32	114,114,114,114	0
55	MG	CA	3949	1/1	0.83	0.28	110,110,110,110	0
55	MG	AA	5053	1/1	0.83	0.23	75,75,75,75	0
55	MG	CA	3952	1/1	0.83	0.12	70,70,70,70	0
55	MG	BA	2098	1/1	0.83	0.15	82,82,82,82	0
55	MG	DA	1725	1/1	0.83	0.20	59,59,59,59	0
55	MG	CA	3670	1/1	0.83	0.38	78,78,78,78	0
55	MG	DA	2028	1/1	0.83	0.23	82,82,82,82	0
55	MG	DA	2031	1/1	0.83	0.07	58,58,58,58	0
55	MG	CA	3680	1/1	0.83	0.11	54,54,54,54	0
55	MG	DA	2038	1/1	0.83	0.12	114,114,114,114	0
55	MG	CA	4395	1/1	0.83	0.17	85,85,85,85	0
55	MG	AA	5059	1/1	0.83	0.09	48,48,48,48	0
55	MG	CA	4397	1/1	0.83	0.22	69,69,69,69	0
55	MG	AA	5292	1/1	0.83	0.17	76,76,76,76	0
55	MG	CA	3692	1/1	0.83	0.19	65,65,65,65	0
55	MG	AA	4489	1/1	0.83	0.10	94,94,94,94	0
55	MG	BW	106	1/1	0.83	0.08	91,91,91,91	0
55	MG	CA	4035	1/1	0.83	0.16	50,50,50,50	0
55	MG	BA	1678	1/1	0.83	0.15	80,80,80,80	0
55	MG	DA	1781	1/1	0.83	0.12	107,107,107,107	0
55	MG	CB	211	1/1	0.83	0.14	90,90,90,90	0
55	MG	AA	4389	1/1	0.83	0.17	61,61,61,61	0
55	MG	BA	2109	1/1	0.83	0.19	63,63,63,63	0
55	MG	AA	4131	1/1	0.83	0.09	48,48,48,48	0
55	MG	CB	229	1/1	0.83	0.09	84,84,84,84	0
55	MG	AA	5203	1/1	0.83	0.15	80,80,80,80	0
55	MG	BA	1694	1/1	0.83	0.31	44,44,44,44	0
55	MG	BA	1716	1/1	0.83	0.18	56,56,56,56	0
55	MG	BA	1717	1/1	0.83	0.19	75,75,75,75	0
55	MG	BA	1858	1/1	0.83	0.18	88,88,88,88	0
55	MG	AA	4979	1/1	0.83	0.17	83,83,83,83	0
55	MG	AA	4693	1/1	0.83	0.08	80,80,80,80	0
55	MG	AA	4550	1/1	0.83	0.09	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4831	1/1	0.83	0.17	78,78,78,78	0
55	MG	BA	2139	1/1	0.83	0.33	96,96,96,96	0
55	MG	AA	4505	1/1	0.83	0.12	126,126,126,126	0
55	MG	BA	1881	1/1	0.83	0.15	68,68,68,68	0
55	MG	AA	5110	1/1	0.83	0.15	60,60,60,60	0
55	MG	CA	3439	1/1	0.83	0.08	36,36,36,36	0
55	MG	AA	4435	1/1	0.83	0.07	38,38,38,38	0
55	MG	DA	1836	1/1	0.83	0.18	80,80,80,80	0
55	MG	AA	4202	1/1	0.83	0.24	20,20,20,20	0
55	MG	DA	1846	1/1	0.83	0.38	133,133,133,133	0
55	MG	AA	4714	1/1	0.83	0.28	73,73,73,73	0
55	MG	AA	4643	1/1	0.83	0.14	65,65,65,65	0
55	MG	DA	1850	1/1	0.83	0.12	101,101,101,101	0
55	MG	CA	3468	1/1	0.83	0.12	59,59,59,59	0
55	MG	DA	1855	1/1	0.83	0.10	69,69,69,69	0
55	MG	AA	4861	1/1	0.83	0.14	79,79,79,79	0
55	MG	CA	4259	1/1	0.83	0.19	35,35,35,35	0
55	MG	AA	4151	1/1	0.83	0.08	83,83,83,83	0
55	MG	CA	4263	1/1	0.83	0.12	61,61,61,61	0
55	MG	BA	2166	1/1	0.83	0.06	59,59,59,59	0
55	MG	CA	4277	1/1	0.83	0.14	72,72,72,72	0
55	MG	AA	4577	1/1	0.83	0.22	110,110,110,110	0
55	MG	AA	4584	1/1	0.83	0.14	67,67,67,67	0
55	MG	DA	1873	1/1	0.83	0.13	90,90,90,90	0
55	MG	CA	2990	1/1	0.83	0.09	68,68,68,68	0
55	MG	DA	1881	1/1	0.83	0.15	92,92,92,92	0
55	MG	DA	1614	1/1	0.83	0.16	91,91,91,91	0
55	MG	DA	1885	1/1	0.83	0.09	71,71,71,71	0
55	MG	CA	3501	1/1	0.83	0.26	65,65,65,65	0
55	MG	AA	4349	1/1	0.83	0.36	56,56,56,56	0
55	MG	DA	1889	1/1	0.83	0.16	107,107,107,107	0
55	MG	AA	4081	1/1	0.83	0.11	78,78,78,78	0
55	MG	CA	3529	1/1	0.83	0.16	78,78,78,78	0
55	MG	CA	4297	1/1	0.83	0.14	49,49,49,49	0
55	MG	CA	3003	1/1	0.83	0.07	69,69,69,69	0
55	MG	AA	4012	1/1	0.83	0.10	65,65,65,65	0
55	MG	AA	4729	1/1	0.83	0.05	85,85,85,85	0
55	MG	CA	4311	1/1	0.83	0.09	65,65,65,65	0
55	MG	BR	101	1/1	0.83	0.11	77,77,77,77	0
55	MG	AA	4926	1/1	0.83	0.10	53,53,53,53	0
55	MG	AA	4814	1/1	0.83	0.09	75,75,75,75	0
55	MG	DA	1916	1/1	0.83	0.32	87,87,87,87	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	2060	1/1	0.83	0.08	73,73,73,73	0
55	MG	DA	1645	1/1	0.83	0.21	131,131,131,131	0
55	MG	DV	111	1/1	0.83	0.13	75,75,75,75	0
55	MG	BA	2067	1/1	0.83	0.06	66,66,66,66	0
55	MG	DA	1921	1/1	0.83	0.14	53,53,53,53	0
55	MG	AA	4942	1/1	0.83	0.14	56,56,56,56	0
55	MG	BA	2075	1/1	0.83	0.07	60,60,60,60	0
55	MG	BA	1662	1/1	0.83	0.29	89,89,89,89	0
55	MG	CA	3077	1/1	0.83	0.12	91,91,91,91	0
55	MG	DA	1656	1/1	0.83	0.09	96,96,96,96	0
55	MG	CA	3608	1/1	0.83	0.13	82,82,82,82	0
55	MG	DA	1933	1/1	0.83	0.10	61,61,61,61	0
55	MG	DW	108	1/1	0.83	0.09	141,141,141,141	0
55	MG	AA	5171	1/1	0.83	0.13	53,53,53,53	0
55	MG	DA	1670	1/1	0.83	0.14	136,136,136,136	0
55	MG	BA	2084	1/1	0.83	0.20	71,71,71,71	0
55	MG	CA	4350	1/1	0.83	0.23	77,77,77,77	0
55	MG	AA	4115	1/1	0.83	0.07	86,86,86,86	0
55	MG	DA	1951	1/1	0.83	0.15	68,68,68,68	0
55	MG	DW	121	1/1	0.83	0.07	62,62,62,62	0
55	MG	DX	101	1/1	0.83	0.08	62,62,62,62	0
55	MG	AE	303	1/1	0.84	0.12	53,53,53,53	0
55	MG	BA	1941	1/1	0.84	0.17	81,81,81,81	0
55	MG	AJ	201	1/1	0.84	0.13	60,60,60,60	0
55	MG	CA	3350	1/1	0.84	0.22	47,47,47,47	0
55	MG	AA	4378	1/1	0.84	0.19	54,54,54,54	0
55	MG	BA	1757	1/1	0.84	0.10	66,66,66,66	0
55	MG	AR	202	1/1	0.84	0.19	78,78,78,78	0
55	MG	CB	214	1/1	0.84	0.12	74,74,74,74	0
55	MG	AA	5050	1/1	0.84	0.19	63,63,63,63	0
55	MG	CA	3388	1/1	0.84	0.24	61,61,61,61	0
55	MG	BA	1768	1/1	0.84	0.09	89,89,89,89	0
55	MG	AA	4594	1/1	0.84	0.09	75,75,75,75	0
55	MG	AA	5056	1/1	0.84	0.16	63,63,63,63	0
55	MG	CA	3888	1/1	0.84	0.15	73,73,73,73	0
55	MG	CA	3894	1/1	0.84	0.21	55,55,55,55	0
55	MG	AA	4689	1/1	0.84	0.19	64,64,64,64	0
55	MG	CA	3418	1/1	0.84	0.57	49,49,49,49	0
55	MG	AA	4928	1/1	0.84	0.11	54,54,54,54	0
55	MG	AA	4935	1/1	0.84	0.12	46,46,46,46	0
55	MG	BA	1605	1/1	0.84	0.25	75,75,75,75	0
55	MG	CA	3911	1/1	0.84	0.20	63,63,63,63	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	5072	1/1	0.84	0.21	78,78,78,78	0
55	MG	AA	4773	1/1	0.84	0.15	69,69,69,69	0
55	MG	CA	3915	1/1	0.84	0.27	80,80,80,80	0
55	MG	DA	1924	1/1	0.84	0.10	90,90,90,90	0
55	MG	AA	5083	1/1	0.84	0.06	56,56,56,56	0
55	MG	AA	5085	1/1	0.84	0.18	77,77,77,77	0
55	MG	CA	3931	1/1	0.84	0.10	75,75,75,75	0
55	MG	CA	3935	1/1	0.84	0.17	61,61,61,61	0
55	MG	BA	2000	1/1	0.84	0.12	76,76,76,76	0
55	MG	AA	4315	1/1	0.84	0.25	55,55,55,55	0
55	MG	CA	3944	1/1	0.84	0.09	39,39,39,39	0
55	MG	CA	3459	1/1	0.84	0.08	45,45,45,45	0
55	MG	AA	4397	1/1	0.84	0.31	82,82,82,82	0
55	MG	CA	3466	1/1	0.84	0.14	56,56,56,56	0
55	MG	C5	102	1/1	0.84	0.17	55,55,55,55	0
55	MG	BA	1808	1/1	0.84	0.12	67,67,67,67	0
55	MG	AA	4102	1/1	0.84	0.17	58,58,58,58	0
55	MG	DA	1604	1/1	0.84	0.12	101,101,101,101	0
55	MG	DA	1955	1/1	0.84	0.08	24,24,24,24	0
55	MG	AA	5098	1/1	0.84	0.11	80,80,80,80	0
55	MG	BA	1820	1/1	0.84	0.10	66,66,66,66	0
55	MG	BA	2021	1/1	0.84	0.13	75,75,75,75	0
55	MG	AA	4953	1/1	0.84	0.14	85,85,85,85	0
55	MG	BA	1822	1/1	0.84	0.08	61,61,61,61	0
55	MG	AA	4420	1/1	0.84	0.15	52,52,52,52	0
55	MG	AA	5102	1/1	0.84	0.16	50,50,50,50	0
55	MG	AA	4967	1/1	0.84	0.10	60,60,60,60	0
55	MG	AA	5255	1/1	0.84	0.24	61,61,61,61	0
55	MG	DA	1623	1/1	0.84	0.10	85,85,85,85	0
55	MG	CA	4048	1/1	0.84	0.07	65,65,65,65	0
55	MG	CA	2912	1/1	0.84	0.10	85,85,85,85	0
55	MG	CA	2919	1/1	0.84	0.20	62,62,62,62	0
55	MG	AA	4015	1/1	0.84	0.24	71,71,71,71	0
55	MG	DA	1632	1/1	0.84	0.17	81,81,81,81	0
55	MG	BA	1633	1/1	0.84	0.10	101,101,101,101	0
55	MG	AA	4615	1/1	0.84	0.25	79,79,79,79	0
55	MG	BA	1638	1/1	0.84	0.06	65,65,65,65	0
55	MG	AA	4096	1/1	0.84	0.21	70,70,70,70	0
55	MG	AA	5129	1/1	0.84	0.15	66,66,66,66	0
55	MG	CA	3577	1/1	0.84	0.16	69,69,69,69	0
55	MG	DA	2072	1/1	0.84	0.09	49,49,49,49	0
55	MG	CA	3578	1/1	0.84	0.08	58,58,58,58	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4186	1/1	0.84	0.12	47,47,47,47	0
55	MG	DA	2076	1/1	0.84	0.23	62,62,62,62	0
55	MG	DA	2077	1/1	0.84	0.10	109,109,109,109	0
55	MG	DA	2084	1/1	0.84	0.05	67,67,67,67	0
55	MG	AA	5130	1/1	0.84	0.21	83,83,83,83	0
55	MG	DA	2089	1/1	0.84	0.12	58,58,58,58	0
55	MG	BA	2076	1/1	0.84	0.10	66,66,66,66	0
55	MG	CA	4209	1/1	0.84	0.15	55,55,55,55	0
55	MG	CA	2940	1/1	0.84	0.17	78,78,78,78	0
55	MG	DA	1658	1/1	0.84	0.10	87,87,87,87	0
55	MG	BA	2077	1/1	0.84	0.18	72,72,72,72	0
55	MG	DA	1663	1/1	0.84	0.09	64,64,64,64	0
55	MG	DA	1668	1/1	0.84	0.13	93,93,93,93	0
55	MG	AA	4330	1/1	0.84	0.12	72,72,72,72	0
55	MG	AA	4536	1/1	0.84	0.07	126,126,126,126	0
55	MG	AA	5133	1/1	0.84	0.26	74,74,74,74	0
55	MG	CA	2950	1/1	0.84	0.18	84,84,84,84	0
55	MG	AA	4270	1/1	0.84	0.24	45,45,45,45	0
55	MG	BA	1865	1/1	0.84	0.09	86,86,86,86	0
55	MG	BA	2089	1/1	0.84	0.16	66,66,66,66	0
55	MG	BA	2093	1/1	0.84	0.25	75,75,75,75	0
55	MG	AA	4722	1/1	0.84	0.16	56,56,56,56	0
55	MG	DA	1714	1/1	0.84	0.17	46,46,46,46	0
55	MG	AA	4465	1/1	0.84	0.15	57,57,57,57	0
55	MG	CA	3660	1/1	0.84	0.08	60,60,60,60	0
55	MG	BA	1873	1/1	0.84	0.16	80,80,80,80	0
55	MG	CA	4274	1/1	0.84	0.12	42,42,42,42	0
55	MG	CA	2978	1/1	0.84	0.18	56,56,56,56	0
55	MG	AA	4097	1/1	0.84	0.18	78,78,78,78	0
55	MG	AA	4007	1/1	0.84	0.12	88,88,88,88	0
55	MG	AA	4162	1/1	0.84	0.14	67,67,67,67	0
55	MG	AB	218	1/1	0.84	0.12	93,93,93,93	0
55	MG	CA	3005	1/1	0.84	0.21	91,91,91,91	0
55	MG	AA	5150	1/1	0.84	0.20	82,82,82,82	0
55	MG	DA	1758	1/1	0.84	0.12	106,106,106,106	0
55	MG	AA	4654	1/1	0.84	0.12	42,42,42,42	0
55	MG	CA	4296	1/1	0.84	0.27	78,78,78,78	0
55	MG	CA	3036	1/1	0.84	0.14	77,77,77,77	0
55	MG	CA	3040	1/1	0.84	0.09	60,60,60,60	0
55	MG	DA	2154	1/1	0.84	0.09	68,68,68,68	0
55	MG	BA	1893	1/1	0.84	0.17	102,102,102,102	0
55	MG	CA	3054	1/1	0.84	0.25	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1783	1/1	0.84	0.14	72,72,72,72	0
55	MG	CA	3727	1/1	0.84	0.35	89,89,89,89	0
55	MG	DA	1787	1/1	0.84	0.17	81,81,81,81	0
55	MG	AA	5154	1/1	0.84	0.11	45,45,45,45	0
55	MG	BA	1896	1/1	0.84	0.14	66,66,66,66	0
55	MG	AA	4165	1/1	0.84	0.17	104,104,104,104	0
55	MG	BA	2121	1/1	0.84	0.11	81,81,81,81	0
55	MG	AA	4481	1/1	0.84	0.29	58,58,58,58	0
55	MG	DA	1803	1/1	0.84	0.07	56,56,56,56	0
55	MG	AB	227	1/1	0.84	0.16	95,95,95,95	0
55	MG	AA	4658	1/1	0.84	0.12	56,56,56,56	0
55	MG	AA	4855	1/1	0.84	0.18	36,36,36,36	0
55	MG	BA	1675	1/1	0.84	0.15	60,60,60,60	0
55	MG	AA	4750	1/1	0.84	0.20	62,62,62,62	0
55	MG	CA	3754	1/1	0.84	0.13	67,67,67,67	0
55	MG	CA	3755	1/1	0.84	0.07	52,52,52,52	0
55	MG	DQ	201	1/1	0.84	0.14	57,57,57,57	0
55	MG	DR	101	1/1	0.84	0.25	62,62,62,62	0
55	MG	AA	5180	1/1	0.84	0.24	82,82,82,82	0
55	MG	CA	3759	1/1	0.84	0.14	57,57,57,57	0
55	MG	AA	4482	1/1	0.84	0.10	67,67,67,67	0
55	MG	DV	104	1/1	0.84	0.15	92,92,92,92	0
55	MG	DA	1826	1/1	0.84	0.32	73,73,73,73	0
55	MG	CA	4356	1/1	0.84	0.15	60,60,60,60	0
55	MG	CA	4357	1/1	0.84	0.10	49,49,49,49	0
55	MG	CA	3767	1/1	0.84	0.12	66,66,66,66	0
55	MG	CA	4359	1/1	0.84	0.11	56,56,56,56	0
55	MG	DV	118	1/1	0.84	0.10	78,78,78,78	0
55	MG	CA	4361	1/1	0.84	0.28	65,65,65,65	0
55	MG	AA	4361	1/1	0.84	0.14	47,47,47,47	0
55	MG	AA	4497	1/1	0.84	0.15	66,66,66,66	0
55	MG	CA	3097	1/1	0.84	0.12	60,60,60,60	0
55	MG	BA	1698	1/1	0.84	0.14	51,51,51,51	0
55	MG	CA	3144	1/1	0.84	0.28	29,29,29,29	0
55	MG	CA	4377	1/1	0.84	0.17	84,84,84,84	0
55	MG	CA	4378	1/1	0.84	0.12	42,42,42,42	0
55	MG	CA	3175	1/1	0.84	0.21	28,28,28,28	0
55	MG	DW	112	1/1	0.84	0.11	71,71,71,71	0
55	MG	AA	5190	1/1	0.84	0.10	73,73,73,73	0
55	MG	AA	4147	1/1	0.84	0.18	75,75,75,75	0
55	MG	AA	4677	1/1	0.84	0.39	95,95,95,95	0
55	MG	AA	4085	1/1	0.84	0.13	89,89,89,89	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3298	1/1	0.84	0.15	56,56,56,56	0
55	MG	BA	1736	1/1	0.84	0.17	36,36,36,36	0
55	MG	AD	304	1/1	0.84	0.12	84,84,84,84	0
55	MG	BA	1653	1/1	0.85	0.13	76,76,76,76	0
55	MG	DA	1647	1/1	0.85	0.07	57,57,57,57	0
55	MG	DA	1934	1/1	0.85	0.06	75,75,75,75	0
55	MG	DA	1936	1/1	0.85	0.06	60,60,60,60	0
55	MG	AA	5038	1/1	0.85	0.15	52,52,52,52	0
55	MG	BA	1807	1/1	0.85	0.14	77,77,77,77	0
55	MG	CA	4298	1/1	0.85	0.13	62,62,62,62	0
55	MG	AB	241	1/1	0.85	0.18	98,98,98,98	0
55	MG	CA	3440	1/1	0.85	0.11	52,52,52,52	0
55	MG	CA	2945	1/1	0.85	0.15	99,99,99,99	0
55	MG	BA	1813	1/1	0.85	0.08	60,60,60,60	0
55	MG	CA	3806	1/1	0.85	0.21	86,86,86,86	0
55	MG	DA	1662	1/1	0.85	0.13	64,64,64,64	0
55	MG	DA	1970	1/1	0.85	0.10	30,30,30,30	0
55	MG	DA	1981	1/1	0.85	0.11	68,68,68,68	0
55	MG	CA	3813	1/1	0.85	0.06	58,58,58,58	0
55	MG	CA	3814	1/1	0.85	0.17	76,76,76,76	0
55	MG	AA	5140	1/1	0.85	0.25	84,84,84,84	0
55	MG	AA	4003	1/1	0.85	0.10	57,57,57,57	0
55	MG	CA	3460	1/1	0.85	0.14	45,45,45,45	0
55	MG	AA	4463	1/1	0.85	0.14	35,35,35,35	0
55	MG	AA	4125	1/1	0.85	0.11	66,66,66,66	0
55	MG	AA	4561	1/1	0.85	0.21	67,67,67,67	0
55	MG	CA	4345	1/1	0.85	0.33	86,86,86,86	0
55	MG	CA	2957	1/1	0.85	0.13	73,73,73,73	0
55	MG	CA	3491	1/1	0.85	0.17	59,59,59,59	0
55	MG	DA	2033	1/1	0.85	0.12	45,45,45,45	0
55	MG	DA	2035	1/1	0.85	0.18	59,59,59,59	0
55	MG	AA	4008	1/1	0.85	0.25	79,79,79,79	0
55	MG	AA	4700	1/1	0.85	0.11	107,107,107,107	0
55	MG	DA	2044	1/1	0.85	0.21	65,65,65,65	0
55	MG	CA	2970	1/1	0.85	0.20	78,78,78,78	0
55	MG	AA	4970	1/1	0.85	0.07	60,60,60,60	0
55	MG	DA	2054	1/1	0.85	0.11	77,77,77,77	0
55	MG	DA	1723	1/1	0.85	0.14	65,65,65,65	0
55	MG	DA	2058	1/1	0.85	0.20	86,86,86,86	0
55	MG	AA	4634	1/1	0.85	0.13	86,86,86,86	0
55	MG	CA	3882	1/1	0.85	0.09	60,60,60,60	0
55	MG	DA	1742	1/1	0.85	0.16	53,53,53,53	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	2977	1/1	0.85	0.21	88,88,88,88	0
55	MG	DA	2069	1/1	0.85	0.12	76,76,76,76	0
55	MG	CA	3507	1/1	0.85	0.22	55,55,55,55	0
55	MG	AV	201	1/1	0.85	0.04	62,62,62,62	0
55	MG	CA	3518	1/1	0.85	0.19	75,75,75,75	0
55	MG	CA	2983	1/1	0.85	0.15	64,64,64,64	0
55	MG	AA	4972	1/1	0.85	0.13	171,171,171,171	0
55	MG	CA	3532	1/1	0.85	0.22	64,64,64,64	0
55	MG	DA	2083	1/1	0.85	0.12	53,53,53,53	0
55	MG	DA	1766	1/1	0.85	0.07	91,91,91,91	0
55	MG	DA	2085	1/1	0.85	0.16	68,68,68,68	0
55	MG	AA	4514	1/1	0.85	0.23	81,81,81,81	0
55	MG	AA	4409	1/1	0.85	0.14	83,83,83,83	0
55	MG	BA	1845	1/1	0.85	0.06	103,103,103,103	0
55	MG	AA	5271	1/1	0.85	0.23	82,82,82,82	0
55	MG	AA	4838	1/1	0.85	0.06	73,73,73,73	0
55	MG	AA	5275	1/1	0.85	0.12	59,59,59,59	0
55	MG	CA	3560	1/1	0.85	0.13	69,69,69,69	0
55	MG	DA	1784	1/1	0.85	0.08	133,133,133,133	0
55	MG	CA	3014	1/1	0.85	0.24	68,68,68,68	0
55	MG	BA	2161	1/1	0.85	0.14	69,69,69,69	0
55	MG	CA	3571	1/1	0.85	0.26	88,88,88,88	0
55	MG	CA	4398	1/1	0.85	0.23	68,68,68,68	0
55	MG	AA	5172	1/1	0.85	0.11	65,65,65,65	0
55	MG	CA	3939	1/1	0.85	0.14	65,65,65,65	0
55	MG	BA	1696	1/1	0.85	0.19	50,50,50,50	0
55	MG	DA	2113	1/1	0.85	0.06	46,46,46,46	0
55	MG	AA	5173	1/1	0.85	0.17	68,68,68,68	0
55	MG	BA	1862	1/1	0.85	0.07	65,65,65,65	0
55	MG	CA	3591	1/1	0.85	0.14	58,58,58,58	0
55	MG	CB	209	1/1	0.85	0.10	66,66,66,66	0
55	MG	DA	2118	1/1	0.85	0.07	54,54,54,54	0
55	MG	BA	1713	1/1	0.85	0.11	53,53,53,53	0
55	MG	BA	1715	1/1	0.85	0.12	63,63,63,63	0
55	MG	AA	4582	1/1	0.85	0.10	62,62,62,62	0
55	MG	DA	2124	1/1	0.85	0.25	88,88,88,88	0
55	MG	DA	1814	1/1	0.85	0.10	59,59,59,59	0
55	MG	BA	1870	1/1	0.85	0.13	92,92,92,92	0
55	MG	BA	2025	1/1	0.85	0.18	62,62,62,62	0
55	MG	DA	2134	1/1	0.85	0.14	74,74,74,74	0
55	MG	BA	2026	1/1	0.85	0.11	59,59,59,59	0
55	MG	CB	230	1/1	0.85	0.16	77,77,77,77	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1825	1/1	0.85	0.12	66,66,66,66	0
55	MG	AA	5088	1/1	0.85	0.18	78,78,78,78	0
55	MG	AA	4853	1/1	0.85	0.15	52,52,52,52	0
55	MG	BA	2033	1/1	0.85	0.14	56,56,56,56	0
55	MG	BA	1723	1/1	0.85	0.18	38,38,38,38	0
55	MG	CA	3651	1/1	0.85	0.19	70,70,70,70	0
55	MG	BA	1878	1/1	0.85	0.20	77,77,77,77	0
55	MG	AA	4290	1/1	0.85	0.18	38,38,38,38	0
55	MG	AB	204	1/1	0.85	0.21	56,56,56,56	0
55	MG	CA	4072	1/1	0.85	0.16	61,61,61,61	0
55	MG	CB	252	1/1	0.85	0.07	64,64,64,64	0
55	MG	CA	4075	1/1	0.85	0.26	69,69,69,69	0
55	MG	CA	3095	1/1	0.85	0.06	82,82,82,82	0
55	MG	AA	4049	1/1	0.85	0.06	60,60,60,60	0
55	MG	AA	4479	1/1	0.85	0.15	80,80,80,80	0
55	MG	AA	5192	1/1	0.85	0.10	46,46,46,46	0
55	MG	DA	1858	1/1	0.85	0.21	68,68,68,68	0
55	MG	CK	202	1/1	0.85	0.11	57,57,57,57	0
55	MG	CA	3165	1/1	0.85	0.15	26,26,26,26	0
55	MG	DA	1864	1/1	0.85	0.46	97,97,97,97	0
55	MG	DA	2192	1/1	0.85	0.15	58,58,58,58	0
55	MG	DA	2195	1/1	0.85	0.11	78,78,78,78	0
55	MG	BA	1890	1/1	0.85	0.10	64,64,64,64	0
55	MG	DA	2200	1/1	0.85	0.09	61,61,61,61	0
55	MG	BA	2068	1/1	0.85	0.16	69,69,69,69	0
55	MG	DA	1867	1/1	0.85	0.07	63,63,63,63	0
55	MG	AA	4774	1/1	0.85	0.11	63,63,63,63	0
55	MG	CA	3259	1/1	0.85	0.16	39,39,39,39	0
55	MG	DJ	201	1/1	0.85	0.09	83,83,83,83	0
55	MG	CA	3709	1/1	0.85	0.39	82,82,82,82	0
55	MG	DM	201	1/1	0.85	0.10	69,69,69,69	0
55	MG	DA	1878	1/1	0.85	0.31	111,111,111,111	0
55	MG	CA	4190	1/1	0.85	0.12	51,51,51,51	0
55	MG	AA	5100	1/1	0.85	0.30	91,91,91,91	0
55	MG	BA	1760	1/1	0.85	0.07	53,53,53,53	0
55	MG	AA	4445	1/1	0.85	0.17	61,61,61,61	0
55	MG	CA	3721	1/1	0.85	0.13	56,56,56,56	0
55	MG	AB	222	1/1	0.85	0.10	62,62,62,62	0
55	MG	CA	3310	1/1	0.85	0.18	48,48,48,48	0
55	MG	AA	4662	1/1	0.85	0.27	77,77,77,77	0
55	MG	CA	4232	1/1	0.85	0.06	73,73,73,73	0
55	MG	AA	5109	1/1	0.85	0.20	88,88,88,88	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	1773	1/1	0.85	0.12	74,74,74,74	0
55	MG	AA	4375	1/1	0.85	0.22	61,61,61,61	0
55	MG	AA	4457	1/1	0.85	0.19	71,71,71,71	0
55	MG	DV	122	1/1	0.85	0.12	63,63,63,63	0
55	MG	DA	1905	1/1	0.85	0.11	113,113,113,113	0
55	MG	CA	3351	1/1	0.85	0.11	39,39,39,39	0
55	MG	AA	4492	1/1	0.85	0.10	41,41,41,41	0
55	MG	BA	2094	1/1	0.85	0.06	41,41,41,41	0
55	MG	CA	2913	1/1	0.85	0.10	77,77,77,77	0
55	MG	CA	2914	1/1	0.85	0.19	66,66,66,66	0
55	MG	CA	3376	1/1	0.85	0.14	44,44,44,44	0
55	MG	DW	109	1/1	0.85	0.12	85,85,85,85	0
55	MG	BA	1783	1/1	0.85	0.14	82,82,82,82	0
55	MG	AA	4910	1/1	0.85	0.08	49,49,49,49	0
55	MG	AA	4540	1/1	0.85	0.17	87,87,87,87	0
55	MG	BA	1919	1/1	0.85	0.14	59,59,59,59	0
55	MG	DW	116	1/1	0.85	0.07	129,129,129,129	0
55	MG	AA	4237	1/1	0.85	0.17	17,17,17,17	0
55	MG	AA	4460	1/1	0.85	0.14	62,62,62,62	0
55	MG	AA	4817	1/1	0.85	0.13	98,98,98,98	0
55	MG	DA	1644	1/1	0.85	0.08	92,92,92,92	0
55	MG	AA	4742	1/1	0.85	0.08	69,69,69,69	0
55	MG	AA	5086	1/1	0.86	0.12	65,65,65,65	0
55	MG	AA	4778	1/1	0.86	0.07	69,69,69,69	0
55	MG	CA	3166	1/1	0.86	0.32	44,44,44,44	0
55	MG	C5	101	1/1	0.86	0.51	63,63,63,63	0
55	MG	CA	4153	1/1	0.86	0.11	57,57,57,57	0
55	MG	BA	1885	1/1	0.86	0.06	60,60,60,60	0
55	MG	CA	4173	1/1	0.86	0.11	49,49,49,49	0
55	MG	AA	4858	1/1	0.86	0.13	50,50,50,50	0
55	MG	DA	1605	1/1	0.86	0.13	80,80,80,80	0
55	MG	AA	4779	1/1	0.86	0.19	71,71,71,71	0
55	MG	CA	3246	1/1	0.86	0.10	46,46,46,46	0
55	MG	AA	4660	1/1	0.86	0.19	140,140,140,140	0
55	MG	AA	5002	1/1	0.86	0.24	90,90,90,90	0
55	MG	DA	1935	1/1	0.86	0.12	69,69,69,69	0
55	MG	CA	4193	1/1	0.86	0.11	58,58,58,58	0
55	MG	AA	5007	1/1	0.86	0.12	60,60,60,60	0
55	MG	DA	1618	1/1	0.86	0.16	85,85,85,85	0
55	MG	CA	4205	1/1	0.86	0.12	82,82,82,82	0
55	MG	CA	3288	1/1	0.86	0.29	53,53,53,53	0
55	MG	BA	1632	1/1	0.86	0.14	79,79,79,79	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	5008	1/1	0.86	0.28	71,71,71,71	0
55	MG	AA	5197	1/1	0.86	0.07	73,73,73,73	0
55	MG	CA	4218	1/1	0.86	0.16	75,75,75,75	0
55	MG	AB	220	1/1	0.86	0.15	84,84,84,84	0
55	MG	CA	3324	1/1	0.86	0.24	53,53,53,53	0
55	MG	DA	1973	1/1	0.86	0.13	49,49,49,49	0
55	MG	CA	4227	1/1	0.86	0.13	53,53,53,53	0
55	MG	BA	2078	1/1	0.86	0.16	79,79,79,79	0
55	MG	CA	3731	1/1	0.86	0.19	53,53,53,53	0
55	MG	BA	2079	1/1	0.86	0.10	57,57,57,57	0
55	MG	CA	4237	1/1	0.86	0.10	55,55,55,55	0
55	MG	BW	114	1/1	0.86	0.07	58,58,58,58	0
55	MG	BW	115	1/1	0.86	0.06	70,70,70,70	0
55	MG	DA	2004	1/1	0.86	0.08	40,40,40,40	0
55	MG	DA	2009	1/1	0.86	0.13	55,55,55,55	0
55	MG	CA	4243	1/1	0.86	0.09	68,68,68,68	0
55	MG	AA	4789	1/1	0.86	0.13	81,81,81,81	0
55	MG	BA	1784	1/1	0.86	0.09	47,47,47,47	0
55	MG	DA	2027	1/1	0.86	0.11	57,57,57,57	0
55	MG	CA	4258	1/1	0.86	0.16	48,48,48,48	0
55	MG	CA	3748	1/1	0.86	0.09	56,56,56,56	0
55	MG	CA	3355	1/1	0.86	0.11	54,54,54,54	0
55	MG	AA	4231	1/1	0.86	0.18	48,48,48,48	0
55	MG	CA	4264	1/1	0.86	0.08	68,68,68,68	0
55	MG	CA	4266	1/1	0.86	0.17	63,63,63,63	0
55	MG	DA	1659	1/1	0.86	0.14	83,83,83,83	0
55	MG	CA	3359	1/1	0.86	0.07	43,43,43,43	0
55	MG	DA	1661	1/1	0.86	0.08	64,64,64,64	0
55	MG	CA	4269	1/1	0.86	0.15	49,49,49,49	0
55	MG	CA	4273	1/1	0.86	0.20	82,82,82,82	0
55	MG	BA	1912	1/1	0.86	0.07	57,57,57,57	0
55	MG	AA	4379	1/1	0.86	0.11	60,60,60,60	0
55	MG	DA	2063	1/1	0.86	0.06	77,77,77,77	0
55	MG	AA	4293	1/1	0.86	0.23	43,43,43,43	0
55	MG	AA	5111	1/1	0.86	0.17	53,53,53,53	0
55	MG	AA	5114	1/1	0.86	0.05	53,53,53,53	0
55	MG	DA	2068	1/1	0.86	0.14	105,105,105,105	0
55	MG	AA	4543	1/1	0.86	0.24	77,77,77,77	0
55	MG	AA	4235	1/1	0.86	0.16	59,59,59,59	0
55	MG	AA	4045	1/1	0.86	0.19	72,72,72,72	0
55	MG	AA	5028	1/1	0.86	0.16	68,68,68,68	0
55	MG	AA	4408	1/1	0.86	0.16	50,50,50,50	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1695	1/1	0.86	0.15	55,55,55,55	0
55	MG	AA	4241	1/1	0.86	0.17	36,36,36,36	0
55	MG	AA	4932	1/1	0.86	0.07	45,45,45,45	0
55	MG	AA	4471	1/1	0.86	0.09	53,53,53,53	0
55	MG	AA	5234	1/1	0.86	0.09	61,61,61,61	0
55	MG	BA	2111	1/1	0.86	0.11	96,96,96,96	0
55	MG	AA	4152	1/1	0.86	0.08	68,68,68,68	0
55	MG	AA	4691	1/1	0.86	0.12	76,76,76,76	0
55	MG	DA	1729	1/1	0.86	0.14	47,47,47,47	0
55	MG	DA	1734	1/1	0.86	0.20	61,61,61,61	0
55	MG	AA	4944	1/1	0.86	0.08	53,53,53,53	0
55	MG	AB	250	1/1	0.86	0.06	68,68,68,68	0
55	MG	DA	1748	1/1	0.86	0.19	73,73,73,73	0
55	MG	BA	1950	1/1	0.86	0.06	84,84,84,84	0
55	MG	AA	5245	1/1	0.86	0.40	76,76,76,76	0
55	MG	AA	5142	1/1	0.86	0.14	69,69,69,69	0
55	MG	CA	3837	1/1	0.86	0.09	71,71,71,71	0
55	MG	BA	1968	1/1	0.86	0.08	49,49,49,49	0
55	MG	AA	4517	1/1	0.86	0.12	48,48,48,48	0
55	MG	DA	1763	1/1	0.86	0.22	68,68,68,68	0
55	MG	AA	5144	1/1	0.86	0.09	59,59,59,59	0
55	MG	CA	3482	1/1	0.86	0.07	47,47,47,47	0
55	MG	BA	1974	1/1	0.86	0.17	66,66,66,66	0
55	MG	BA	2133	1/1	0.86	0.14	77,77,77,77	0
55	MG	BA	2137	1/1	0.86	0.13	75,75,75,75	0
55	MG	AA	4575	1/1	0.86	0.09	87,87,87,87	0
55	MG	DA	2120	1/1	0.86	0.17	95,95,95,95	0
55	MG	AA	4698	1/1	0.86	0.10	68,68,68,68	0
55	MG	CA	2982	1/1	0.86	0.11	69,69,69,69	0
55	MG	CA	3881	1/1	0.86	0.09	84,84,84,84	0
55	MG	AA	5258	1/1	0.86	0.11	76,76,76,76	0
55	MG	CA	2989	1/1	0.86	0.06	83,83,83,83	0
55	MG	CA	3508	1/1	0.86	0.21	89,89,89,89	0
55	MG	CA	4362	1/1	0.86	0.09	58,58,58,58	0
55	MG	CA	4363	1/1	0.86	0.08	58,58,58,58	0
55	MG	AA	4067	1/1	0.86	0.15	82,82,82,82	0
55	MG	CA	3889	1/1	0.86	0.08	59,59,59,59	0
55	MG	CA	3892	1/1	0.86	0.13	63,63,63,63	0
55	MG	CA	2993	1/1	0.86	0.10	64,64,64,64	0
55	MG	CA	3896	1/1	0.86	0.46	120,120,120,120	0
55	MG	BA	1852	1/1	0.86	0.52	121,121,121,121	0
55	MG	CA	3902	1/1	0.86	0.12	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	1683	1/1	0.86	0.19	29,29,29,29	0
55	MG	AA	4436	1/1	0.86	0.08	76,76,76,76	0
55	MG	DA	2152	1/1	0.86	0.08	69,69,69,69	0
55	MG	AA	4053	1/1	0.86	0.09	107,107,107,107	0
55	MG	AA	5268	1/1	0.86	0.07	62,62,62,62	0
55	MG	DA	2155	1/1	0.86	0.15	83,83,83,83	0
55	MG	DA	1818	1/1	0.86	0.13	68,68,68,68	0
55	MG	BA	2001	1/1	0.86	0.16	68,68,68,68	0
55	MG	AA	4227	1/1	0.86	0.09	36,36,36,36	0
55	MG	CA	3015	1/1	0.86	0.07	71,71,71,71	0
55	MG	CA	3022	1/1	0.86	0.17	56,56,56,56	0
55	MG	DA	2178	1/1	0.86	0.14	69,69,69,69	0
55	MG	CA	3029	1/1	0.86	0.10	79,79,79,79	0
55	MG	BA	1714	1/1	0.86	0.31	56,56,56,56	0
55	MG	CA	3920	1/1	0.86	0.23	85,85,85,85	0
55	MG	DA	1832	1/1	0.86	0.09	95,95,95,95	0
55	MG	CB	201	1/1	0.86	0.09	61,61,61,61	0
55	MG	CB	202	1/1	0.86	0.09	78,78,78,78	0
55	MG	CA	3038	1/1	0.86	0.39	52,52,52,52	0
55	MG	DA	1837	1/1	0.86	0.09	88,88,88,88	0
55	MG	CA	3933	1/1	0.86	0.17	52,52,52,52	0
55	MG	BA	2168	1/1	0.86	0.07	59,59,59,59	0
55	MG	BA	2009	1/1	0.86	0.39	94,94,94,94	0
55	MG	AA	4488	1/1	0.86	0.14	50,50,50,50	0
55	MG	DD	301	1/1	0.86	0.16	73,73,73,73	0
55	MG	BA	1864	1/1	0.86	0.08	92,92,92,92	0
55	MG	DH	202	1/1	0.86	0.21	87,87,87,87	0
55	MG	CA	3582	1/1	0.86	0.15	49,49,49,49	0
55	MG	BE	201	1/1	0.86	0.26	86,86,86,86	0
55	MG	CB	224	1/1	0.86	0.10	88,88,88,88	0
55	MG	BE	202	1/1	0.86	0.17	65,65,65,65	0
55	MG	CA	3595	1/1	0.86	0.10	54,54,54,54	0
55	MG	BE	204	1/1	0.86	0.08	46,46,46,46	0
55	MG	CA	3067	1/1	0.86	0.06	73,73,73,73	0
55	MG	AA	4592	1/1	0.86	0.11	61,61,61,61	0
55	MG	AA	4071	1/1	0.86	0.30	54,54,54,54	0
55	MG	CA	3990	1/1	0.86	0.11	39,39,39,39	0
55	MG	CB	237	1/1	0.86	0.10	72,72,72,72	0
55	MG	BQ	201	1/1	0.86	0.29	90,90,90,90	0
55	MG	AA	5082	1/1	0.86	0.11	72,72,72,72	0
55	MG	CA	4008	1/1	0.86	0.11	61,61,61,61	0
55	MG	BA	1609	1/1	0.86	0.13	88,88,88,88	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1879	1/1	0.86	0.11	80,80,80,80	0
55	MG	CA	4022	1/1	0.86	0.16	55,55,55,55	0
55	MG	CB	251	1/1	0.86	0.10	61,61,61,61	0
55	MG	AA	4854	1/1	0.86	0.24	43,43,43,43	0
55	MG	CB	254	1/1	0.86	0.15	71,71,71,71	0
55	MG	DW	102	1/1	0.86	0.06	76,76,76,76	0
55	MG	CB	256	1/1	0.86	0.08	59,59,59,59	0
55	MG	CA	3628	1/1	0.86	0.20	69,69,69,69	0
55	MG	BA	1731	1/1	0.86	0.16	37,37,37,37	0
55	MG	AA	5286	1/1	0.86	0.15	65,65,65,65	0
55	MG	BA	1614	1/1	0.86	0.20	83,83,83,83	0
55	MG	CA	4051	1/1	0.86	0.20	54,54,54,54	0
55	MG	AA	5289	1/1	0.86	0.05	73,73,73,73	0
55	MG	BA	2042	1/1	0.86	0.08	73,73,73,73	0
55	MG	AA	4659	1/1	0.86	0.09	69,69,69,69	0
55	MG	CL	207	1/1	0.86	0.16	41,41,41,41	0
55	MG	DA	1906	1/1	0.86	0.11	79,79,79,79	0
55	MG	CP	201	1/1	0.86	0.08	57,57,57,57	0
55	MG	CA	4080	1/1	0.86	0.22	59,59,59,59	0
55	MG	BA	2046	1/1	0.86	0.14	82,82,82,82	0
55	MG	CA	3671	1/1	0.86	0.17	87,87,87,87	0
55	MG	DA	1915	1/1	0.86	0.10	113,113,113,113	0
55	MG	CA	4117	1/1	0.86	0.33	76,76,76,76	0
55	MG	DA	1710	1/1	0.87	0.14	40,40,40,40	0
55	MG	AA	5148	1/1	0.87	0.13	59,59,59,59	0
55	MG	AA	4807	1/1	0.87	0.10	88,88,88,88	0
55	MG	AA	4651	1/1	0.87	0.16	74,74,74,74	0
55	MG	AA	4578	1/1	0.87	0.09	60,60,60,60	0
55	MG	AA	4581	1/1	0.87	0.06	59,59,59,59	0
55	MG	BA	1749	1/1	0.87	0.20	50,50,50,50	0
55	MG	CA	3167	1/1	0.87	0.21	23,23,23,23	0
55	MG	CA	3635	1/1	0.87	0.16	63,63,63,63	0
55	MG	CA	4376	1/1	0.87	0.47	33,33,33,33	0
55	MG	DA	1741	1/1	0.87	0.07	60,60,60,60	0
55	MG	DA	2029	1/1	0.87	0.09	53,53,53,53	0
55	MG	BA	2059	1/1	0.87	0.08	48,48,48,48	0
55	MG	BA	1750	1/1	0.87	0.15	55,55,55,55	0
55	MG	CA	3650	1/1	0.87	0.08	122,122,122,122	0
55	MG	CA	3219	1/1	0.87	0.28	35,35,35,35	0
55	MG	AA	5061	1/1	0.87	0.12	49,49,49,49	0
55	MG	CA	3243	1/1	0.87	0.26	54,54,54,54	0
55	MG	CA	3655	1/1	0.87	0.21	63,63,63,63	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	2050	1/1	0.87	0.14	77,77,77,77	0
55	MG	AA	5166	1/1	0.87	0.09	93,93,93,93	0
55	MG	CA	3663	1/1	0.87	0.08	44,44,44,44	0
55	MG	CA	4005	1/1	0.87	0.13	49,49,49,49	0
55	MG	BA	1758	1/1	0.87	0.11	49,49,49,49	0
55	MG	CA	3261	1/1	0.87	0.27	48,48,48,48	0
55	MG	DA	2062	1/1	0.87	0.09	65,65,65,65	0
55	MG	BA	2073	1/1	0.87	0.08	68,68,68,68	0
55	MG	DA	1772	1/1	0.87	0.15	74,74,74,74	0
55	MG	CA	3276	1/1	0.87	0.36	58,58,58,58	0
55	MG	CA	4028	1/1	0.87	0.19	47,47,47,47	0
55	MG	AA	4338	1/1	0.87	0.14	58,58,58,58	0
55	MG	DA	1778	1/1	0.87	0.22	73,73,73,73	0
55	MG	AA	4583	1/1	0.87	0.13	68,68,68,68	0
55	MG	CB	206	1/1	0.87	0.07	61,61,61,61	0
55	MG	AA	4189	1/1	0.87	0.19	27,27,27,27	0
55	MG	AA	4242	1/1	0.87	0.27	32,32,32,32	0
55	MG	BW	118	1/1	0.87	0.08	61,61,61,61	0
55	MG	AA	4301	1/1	0.87	0.16	44,44,44,44	0
55	MG	BA	1906	1/1	0.87	0.19	90,90,90,90	0
55	MG	CB	217	1/1	0.87	0.10	35,35,35,35	0
55	MG	DA	1794	1/1	0.87	0.24	64,64,64,64	0
55	MG	DA	1795	1/1	0.87	0.12	70,70,70,70	0
55	MG	AB	202	1/1	0.87	0.17	95,95,95,95	0
55	MG	CA	3328	1/1	0.87	0.22	49,49,49,49	0
55	MG	CA	4096	1/1	0.87	0.08	72,72,72,72	0
55	MG	AA	4422	1/1	0.87	0.33	50,50,50,50	0
55	MG	AA	4006	1/1	0.87	0.16	59,59,59,59	0
55	MG	DA	2098	1/1	0.87	0.08	57,57,57,57	0
55	MG	DA	1807	1/1	0.87	0.06	53,53,53,53	0
55	MG	CA	3349	1/1	0.87	0.14	48,48,48,48	0
55	MG	AA	4747	1/1	0.87	0.14	37,37,37,37	0
55	MG	AB	207	1/1	0.87	0.07	59,59,59,59	0
55	MG	CA	4137	1/1	0.87	0.18	64,64,64,64	0
55	MG	AA	4057	1/1	0.87	0.09	71,71,71,71	0
55	MG	CA	4142	1/1	0.87	0.20	103,103,103,103	0
55	MG	AB	215	1/1	0.87	0.09	99,99,99,99	0
55	MG	BA	1917	1/1	0.87	0.19	73,73,73,73	0
55	MG	AB	216	1/1	0.87	0.18	63,63,63,63	0
55	MG	AA	4262	1/1	0.87	0.09	34,34,34,34	0
55	MG	BA	1641	1/1	0.87	0.07	63,63,63,63	0
55	MG	AA	4673	1/1	0.87	0.07	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1828	1/1	0.87	0.12	100,100,100,100	0
55	MG	CA	4184	1/1	0.87	0.11	56,56,56,56	0
55	MG	AA	4114	1/1	0.87	0.13	64,64,64,64	0
55	MG	AA	4836	1/1	0.87	0.10	52,52,52,52	0
55	MG	BA	1932	1/1	0.87	0.36	99,99,99,99	0
55	MG	AA	4364	1/1	0.87	0.39	77,77,77,77	0
55	MG	CA	4202	1/1	0.87	0.22	61,61,61,61	0
55	MG	CF	303	1/1	0.87	0.24	53,53,53,53	0
55	MG	BA	1805	1/1	0.87	0.07	64,64,64,64	0
55	MG	DA	2129	1/1	0.87	0.10	72,72,72,72	0
55	MG	CI	201	1/1	0.87	0.12	62,62,62,62	0
55	MG	AA	4547	1/1	0.87	0.08	83,83,83,83	0
55	MG	CA	3756	1/1	0.87	0.18	90,90,90,90	0
55	MG	AA	4549	1/1	0.87	0.17	39,39,39,39	0
55	MG	AA	4761	1/1	0.87	0.07	64,64,64,64	0
55	MG	CA	3760	1/1	0.87	0.30	74,74,74,74	0
55	MG	BA	1815	1/1	0.87	0.12	47,47,47,47	0
55	MG	BA	1947	1/1	0.87	0.07	69,69,69,69	0
55	MG	AA	5104	1/1	0.87	0.13	54,54,54,54	0
55	MG	DA	1861	1/1	0.87	0.17	95,95,95,95	0
55	MG	AA	4273	1/1	0.87	0.23	43,43,43,43	0
55	MG	BA	2127	1/1	0.87	0.08	69,69,69,69	0
55	MG	AA	4619	1/1	0.87	0.19	56,56,56,56	0
55	MG	CA	3452	1/1	0.87	0.09	50,50,50,50	0
55	MG	CA	2972	1/1	0.87	0.23	64,64,64,64	0
55	MG	AA	5220	1/1	0.87	0.10	51,51,51,51	0
55	MG	C5	103	1/1	0.87	0.15	44,44,44,44	0
55	MG	AA	4377	1/1	0.87	0.25	52,52,52,52	0
55	MG	DA	2171	1/1	0.87	0.09	96,96,96,96	0
55	MG	AA	4860	1/1	0.87	0.20	66,66,66,66	0
55	MG	DA	2176	1/1	0.87	0.09	57,57,57,57	0
55	MG	AA	5116	1/1	0.87	0.05	50,50,50,50	0
55	MG	AA	4287	1/1	0.87	0.15	40,40,40,40	0
55	MG	CA	3807	1/1	0.87	0.17	66,66,66,66	0
55	MG	DA	1609	1/1	0.87	0.08	88,88,88,88	0
55	MG	BA	1973	1/1	0.87	0.12	58,58,58,58	0
55	MG	BA	1833	1/1	0.87	0.11	55,55,55,55	0
55	MG	CA	3815	1/1	0.87	0.09	66,66,66,66	0
55	MG	CA	3817	1/1	0.87	0.19	59,59,59,59	0
55	MG	CA	3820	1/1	0.87	0.21	100,100,100,100	0
55	MG	DA	2194	1/1	0.87	0.07	79,79,79,79	0
55	MG	CA	3821	1/1	0.87	0.18	94,94,94,94	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	1834	1/1	0.87	0.22	67,67,67,67	0
55	MG	CA	3827	1/1	0.87	0.11	70,70,70,70	0
55	MG	BA	1978	1/1	0.87	0.11	48,48,48,48	0
55	MG	CA	4279	1/1	0.87	0.21	62,62,62,62	0
55	MG	AA	4865	1/1	0.87	0.17	52,52,52,52	0
55	MG	AA	4123	1/1	0.87	0.14	74,74,74,74	0
55	MG	AA	5126	1/1	0.87	0.09	58,58,58,58	0
55	MG	AA	5127	1/1	0.87	0.20	83,83,83,83	0
55	MG	CA	3010	1/1	0.87	0.15	65,65,65,65	0
55	MG	AA	4869	1/1	0.87	0.12	61,61,61,61	0
55	MG	AA	4380	1/1	0.87	0.22	50,50,50,50	0
55	MG	DA	1636	1/1	0.87	0.12	50,50,50,50	0
55	MG	BA	1847	1/1	0.87	0.11	52,52,52,52	0
55	MG	AA	5243	1/1	0.87	0.18	107,107,107,107	0
55	MG	CA	3018	1/1	0.87	0.40	70,70,70,70	0
55	MG	AA	4876	1/1	0.87	0.09	57,57,57,57	0
55	MG	AA	4879	1/1	0.87	0.31	56,56,56,56	0
55	MG	BA	2006	1/1	0.87	0.31	144,144,144,144	0
55	MG	BC	301	1/1	0.87	0.17	64,64,64,64	0
55	MG	AM	202	1/1	0.87	0.10	52,52,52,52	0
55	MG	AA	4060	1/1	0.87	0.17	84,84,84,84	0
55	MG	CA	4320	1/1	0.87	0.05	59,59,59,59	0
55	MG	BA	2010	1/1	0.87	0.10	78,78,78,78	0
55	MG	AA	4635	1/1	0.87	0.24	79,79,79,79	0
55	MG	AA	4895	1/1	0.87	0.22	70,70,70,70	0
55	MG	BA	1861	1/1	0.87	0.15	67,67,67,67	0
55	MG	BA	2018	1/1	0.87	0.07	46,46,46,46	0
55	MG	AA	4897	1/1	0.87	0.07	51,51,51,51	0
55	MG	AA	4640	1/1	0.87	0.21	73,73,73,73	0
55	MG	AA	4642	1/1	0.87	0.22	73,73,73,73	0
55	MG	DA	1666	1/1	0.87	0.37	46,46,46,46	0
55	MG	DA	1946	1/1	0.87	0.10	86,86,86,86	0
55	MG	DA	1947	1/1	0.87	0.06	84,84,84,84	0
55	MG	AA	4567	1/1	0.87	0.26	83,83,83,83	0
55	MG	AA	5262	1/1	0.87	0.17	64,64,64,64	0
55	MG	CA	3581	1/1	0.87	0.05	49,49,49,49	0
55	MG	BA	1602	1/1	0.87	0.14	101,101,101,101	0
55	MG	AA	4916	1/1	0.87	0.15	58,58,58,58	0
55	MG	CA	4354	1/1	0.87	0.09	60,60,60,60	0
55	MG	DA	1956	1/1	0.87	0.16	40,40,40,40	0
55	MG	AA	4390	1/1	0.87	0.13	59,59,59,59	0
55	MG	BA	2038	1/1	0.87	0.07	51,51,51,51	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4153	1/1	0.87	0.10	62,62,62,62	0
55	MG	BA	1728	1/1	0.87	0.23	69,69,69,69	0
55	MG	CA	3598	1/1	0.87	0.13	81,81,81,81	0
55	MG	CA	3678	1/1	0.88	0.06	77,77,77,77	0
55	MG	CA	4134	1/1	0.88	0.15	49,49,49,49	0
55	MG	AA	4161	1/1	0.88	0.07	46,46,46,46	0
55	MG	DA	1914	1/1	0.88	0.09	77,77,77,77	0
55	MG	AA	4483	1/1	0.88	0.08	51,51,51,51	0
55	MG	CA	4141	1/1	0.88	0.13	54,54,54,54	0
55	MG	CW	104	1/1	0.88	0.20	64,64,64,64	0
55	MG	CA	3686	1/1	0.88	0.23	83,83,83,83	0
55	MG	C3	102	1/1	0.88	0.07	46,46,46,46	0
55	MG	AA	4602	1/1	0.88	0.08	134,134,134,134	0
55	MG	AA	4021	1/1	0.88	0.12	60,60,60,60	0
55	MG	CA	4165	1/1	0.88	0.07	37,37,37,37	0
55	MG	BW	116	1/1	0.88	0.12	82,82,82,82	0
55	MG	BA	1921	1/1	0.88	0.14	42,42,42,42	0
55	MG	AA	5235	1/1	0.88	0.13	67,67,67,67	0
55	MG	CA	3301	1/1	0.88	0.20	35,35,35,35	0
55	MG	CA	4182	1/1	0.88	0.12	47,47,47,47	0
55	MG	AA	5134	1/1	0.88	0.33	77,77,77,77	0
55	MG	AA	4736	1/1	0.88	0.11	50,50,50,50	0
55	MG	CA	4189	1/1	0.88	0.25	49,49,49,49	0
55	MG	AA	5242	1/1	0.88	0.15	70,70,70,70	0
55	MG	CA	3716	1/1	0.88	0.34	105,105,105,105	0
55	MG	CA	3322	1/1	0.88	0.36	66,66,66,66	0
55	MG	BA	1930	1/1	0.88	0.07	75,75,75,75	0
55	MG	DA	1945	1/1	0.88	0.07	78,78,78,78	0
55	MG	AB	238	1/1	0.88	0.06	55,55,55,55	0
55	MG	AA	4740	1/1	0.88	0.14	103,103,103,103	0
55	MG	AA	4244	1/1	0.88	0.19	31,31,31,31	0
55	MG	BA	1936	1/1	0.88	0.06	74,74,74,74	0
55	MG	AA	4164	1/1	0.88	0.18	83,83,83,83	0
55	MG	CA	3732	1/1	0.88	0.23	74,74,74,74	0
55	MG	AA	5051	1/1	0.88	0.07	69,69,69,69	0
55	MG	CA	4222	1/1	0.88	0.16	62,62,62,62	0
55	MG	CA	3738	1/1	0.88	0.15	105,105,105,105	0
55	MG	AA	4373	1/1	0.88	0.14	40,40,40,40	0
55	MG	CA	2934	1/1	0.88	0.11	59,59,59,59	0
55	MG	DA	1977	1/1	0.88	0.07	61,61,61,61	0
55	MG	DA	1634	1/1	0.88	0.15	79,79,79,79	0
55	MG	BA	1943	1/1	0.88	0.33	79,79,79,79	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AB	249	1/1	0.88	0.05	73,73,73,73	0
55	MG	AA	4498	1/1	0.88	0.08	77,77,77,77	0
55	MG	DA	1642	1/1	0.88	0.27	87,87,87,87	0
55	MG	DA	2000	1/1	0.88	0.22	87,87,87,87	0
55	MG	CA	3361	1/1	0.88	0.13	42,42,42,42	0
55	MG	AA	5057	1/1	0.88	0.16	53,53,53,53	0
55	MG	CA	3369	1/1	0.88	0.18	67,67,67,67	0
55	MG	BA	1672	1/1	0.88	0.16	60,60,60,60	0
55	MG	DA	2011	1/1	0.88	0.07	79,79,79,79	0
55	MG	CA	4249	1/1	0.88	0.17	84,84,84,84	0
55	MG	AA	4951	1/1	0.88	0.07	64,64,64,64	0
55	MG	AG	202	1/1	0.88	0.15	76,76,76,76	0
55	MG	DA	2024	1/1	0.88	0.14	63,63,63,63	0
55	MG	CA	3757	1/1	0.88	0.23	92,92,92,92	0
55	MG	BA	1964	1/1	0.88	0.14	70,70,70,70	0
55	MG	CA	3398	1/1	0.88	0.12	53,53,53,53	0
55	MG	CA	3399	1/1	0.88	0.14	37,37,37,37	0
55	MG	BA	1676	1/1	0.88	0.18	90,90,90,90	0
55	MG	BA	1836	1/1	0.88	0.11	79,79,79,79	0
55	MG	CA	3771	1/1	0.88	0.19	111,111,111,111	0
55	MG	BA	1969	1/1	0.88	0.12	60,60,60,60	0
55	MG	DA	2039	1/1	0.88	0.09	43,43,43,43	0
55	MG	AA	4501	1/1	0.88	0.11	73,73,73,73	0
55	MG	AM	201	1/1	0.88	0.10	62,62,62,62	0
55	MG	DA	2046	1/1	0.88	0.09	47,47,47,47	0
55	MG	AA	4618	1/1	0.88	0.12	64,64,64,64	0
55	MG	AA	4752	1/1	0.88	0.10	78,78,78,78	0
55	MG	CA	2964	1/1	0.88	0.08	56,56,56,56	0
55	MG	AA	5263	1/1	0.88	0.15	58,58,58,58	0
55	MG	BA	1846	1/1	0.88	0.10	87,87,87,87	0
55	MG	AA	4311	1/1	0.88	0.27	60,60,60,60	0
55	MG	CA	4289	1/1	0.88	0.07	65,65,65,65	0
55	MG	CA	3445	1/1	0.88	0.21	44,44,44,44	0
55	MG	AS	206	1/1	0.88	0.14	77,77,77,77	0
55	MG	BA	2135	1/1	0.88	0.10	76,76,76,76	0
55	MG	BA	1982	1/1	0.88	0.23	49,49,49,49	0
55	MG	AA	4756	1/1	0.88	0.13	69,69,69,69	0
55	MG	CA	4300	1/1	0.88	0.12	46,46,46,46	0
55	MG	DA	1711	1/1	0.88	0.12	50,50,50,50	0
55	MG	BA	1703	1/1	0.88	0.16	32,32,32,32	0
55	MG	AA	4088	1/1	0.88	0.16	120,120,120,120	0
55	MG	AX	106	1/1	0.88	0.07	50,50,50,50	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3464	1/1	0.88	0.15	64,64,64,64	0
55	MG	AA	4080	1/1	0.88	0.20	71,71,71,71	0
55	MG	CA	4318	1/1	0.88	0.19	71,71,71,71	0
55	MG	AA	4167	1/1	0.88	0.11	68,68,68,68	0
55	MG	AA	4017	1/1	0.88	0.25	155,155,155,155	0
55	MG	DA	1731	1/1	0.88	0.11	47,47,47,47	0
55	MG	CA	2998	1/1	0.88	0.24	62,62,62,62	0
55	MG	DA	1735	1/1	0.88	0.08	57,57,57,57	0
55	MG	DA	1737	1/1	0.88	0.08	51,51,51,51	0
55	MG	BA	2148	1/1	0.88	0.06	88,88,88,88	0
55	MG	BA	2150	1/1	0.88	0.06	82,82,82,82	0
55	MG	DA	1744	1/1	0.88	0.10	69,69,69,69	0
55	MG	BA	1719	1/1	0.88	0.15	50,50,50,50	0
55	MG	CA	3007	1/1	0.88	0.27	69,69,69,69	0
55	MG	CA	3008	1/1	0.88	0.11	57,57,57,57	0
55	MG	CA	3009	1/1	0.88	0.10	56,56,56,56	0
55	MG	BA	2004	1/1	0.88	0.04	74,74,74,74	0
55	MG	CA	3505	1/1	0.88	0.11	42,42,42,42	0
55	MG	CA	3866	1/1	0.88	0.06	65,65,65,65	0
55	MG	BA	2158	1/1	0.88	0.08	59,59,59,59	0
55	MG	AA	4570	1/1	0.88	0.10	76,76,76,76	0
55	MG	CA	3513	1/1	0.88	0.07	52,52,52,52	0
55	MG	CA	4353	1/1	0.88	0.14	53,53,53,53	0
55	MG	DA	1768	1/1	0.88	0.28	138,138,138,138	0
55	MG	CA	3514	1/1	0.88	0.34	74,74,74,74	0
55	MG	BA	1722	1/1	0.88	0.17	43,43,43,43	0
55	MG	AA	4573	1/1	0.88	0.10	59,59,59,59	0
55	MG	DA	2119	1/1	0.88	0.13	75,75,75,75	0
55	MG	AA	5279	1/1	0.88	0.19	59,59,59,59	0
55	MG	CA	3522	1/1	0.88	0.11	56,56,56,56	0
55	MG	AA	4990	1/1	0.88	0.26	60,60,60,60	0
55	MG	AA	5281	1/1	0.88	0.08	56,56,56,56	0
55	MG	DA	1782	1/1	0.88	0.09	54,54,54,54	0
55	MG	BB	301	1/1	0.88	0.14	54,54,54,54	0
55	MG	BA	2013	1/1	0.88	0.24	88,88,88,88	0
55	MG	CA	3538	1/1	0.88	0.10	50,50,50,50	0
55	MG	AA	4991	1/1	0.88	0.10	52,52,52,52	0
55	MG	CA	4366	1/1	0.88	0.05	70,70,70,70	0
55	MG	AA	4279	1/1	0.88	0.09	37,37,37,37	0
55	MG	CA	3050	1/1	0.88	0.14	80,80,80,80	0
55	MG	AA	4767	1/1	0.88	0.22	89,89,89,89	0
55	MG	CA	3555	1/1	0.88	0.22	73,73,73,73	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1796	1/1	0.88	0.10	62,62,62,62	0
55	MG	BA	1744	1/1	0.88	0.31	51,51,51,51	0
55	MG	BA	1745	1/1	0.88	0.19	70,70,70,70	0
55	MG	DA	1802	1/1	0.88	0.13	77,77,77,77	0
55	MG	AA	4466	1/1	0.88	0.09	57,57,57,57	0
55	MG	CA	3569	1/1	0.88	0.16	74,74,74,74	0
55	MG	AA	5189	1/1	0.88	0.33	65,65,65,65	0
55	MG	CA	4392	1/1	0.88	0.10	67,67,67,67	0
55	MG	CA	3572	1/1	0.88	0.12	59,59,59,59	0
55	MG	AA	4468	1/1	0.88	0.29	66,66,66,66	0
55	MG	CA	3927	1/1	0.88	0.07	64,64,64,64	0
55	MG	AA	4038	1/1	0.88	0.34	117,117,117,117	0
55	MG	CA	3932	1/1	0.88	0.16	54,54,54,54	0
55	MG	BA	2030	1/1	0.88	0.07	55,55,55,55	0
55	MG	DA	1816	1/1	0.88	0.12	79,79,79,79	0
55	MG	CA	3074	1/1	0.88	0.11	39,39,39,39	0
55	MG	AA	4106	1/1	0.88	0.06	54,54,54,54	0
55	MG	BV	102	1/1	0.88	0.08	56,56,56,56	0
55	MG	DA	2181	1/1	0.88	0.07	68,68,68,68	0
55	MG	CA	3586	1/1	0.88	0.21	105,105,105,105	0
55	MG	BA	2036	1/1	0.88	0.07	74,74,74,74	0
55	MG	CA	3945	1/1	0.88	0.08	65,65,65,65	0
55	MG	AA	4155	1/1	0.88	0.41	75,75,75,75	0
55	MG	BA	2040	1/1	0.88	0.19	68,68,68,68	0
55	MG	BA	2041	1/1	0.88	0.09	66,66,66,66	0
55	MG	AA	4780	1/1	0.88	0.18	68,68,68,68	0
55	MG	CA	3604	1/1	0.88	0.07	57,57,57,57	0
55	MG	CA	3964	1/1	0.88	0.18	48,48,48,48	0
55	MG	AA	4717	1/1	0.88	0.12	68,68,68,68	0
55	MG	AA	5113	1/1	0.88	0.06	52,52,52,52	0
55	MG	DA	1842	1/1	0.88	0.10	70,70,70,70	0
55	MG	CA	3616	1/1	0.88	0.13	53,53,53,53	0
55	MG	DE	201	1/1	0.88	0.17	137,137,137,137	0
55	MG	CB	227	1/1	0.88	0.11	76,76,76,76	0
55	MG	AB	214	1/1	0.88	0.10	84,84,84,84	0
55	MG	AA	4405	1/1	0.88	0.08	24,24,24,24	0
55	MG	AA	5115	1/1	0.88	0.08	65,65,65,65	0
55	MG	CA	3626	1/1	0.88	0.16	103,103,103,103	0
55	MG	CA	3158	1/1	0.88	0.09	9,9,9,9	0
55	MG	AA	4891	1/1	0.88	0.08	25,25,25,25	0
55	MG	AA	4124	1/1	0.88	0.15	75,75,75,75	0
55	MG	AA	4797	1/1	0.88	0.19	50,50,50,50	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1860	1/1	0.88	0.10	74,74,74,74	0
55	MG	DT	201	1/1	0.88	0.13	57,57,57,57	0
55	MG	CB	239	1/1	0.88	0.06	43,43,43,43	0
55	MG	CA	3640	1/1	0.88	0.13	73,73,73,73	0
55	MG	CA	3641	1/1	0.88	0.20	57,57,57,57	0
55	MG	CA	3646	1/1	0.88	0.13	73,73,73,73	0
55	MG	CA	4039	1/1	0.88	0.20	60,60,60,60	0
55	MG	CB	247	1/1	0.88	0.10	55,55,55,55	0
55	MG	AA	5222	1/1	0.88	0.08	84,84,84,84	0
55	MG	AA	4589	1/1	0.88	0.10	70,70,70,70	0
55	MG	CA	4060	1/1	0.88	0.06	49,49,49,49	0
55	MG	CB	253	1/1	0.88	0.17	76,76,76,76	0
55	MG	DA	1877	1/1	0.88	0.20	88,88,88,88	0
55	MG	CA	4061	1/1	0.88	0.17	73,73,73,73	0
55	MG	CB	255	1/1	0.88	0.09	62,62,62,62	0
55	MG	CA	3193	1/1	0.88	0.27	38,38,38,38	0
55	MG	CA	4071	1/1	0.88	0.13	43,43,43,43	0
55	MG	CA	3200	1/1	0.88	0.13	27,27,27,27	0
55	MG	CD	305	1/1	0.88	0.24	57,57,57,57	0
55	MG	AA	4110	1/1	0.88	0.09	89,89,89,89	0
55	MG	CE	301	1/1	0.88	0.20	47,47,47,47	0
55	MG	CA	3221	1/1	0.88	0.16	37,37,37,37	0
55	MG	CE	305	1/1	0.88	0.38	44,44,44,44	0
55	MG	CA	4088	1/1	0.88	0.11	66,66,66,66	0
55	MG	CA	3657	1/1	0.88	0.14	53,53,53,53	0
55	MG	CA	3222	1/1	0.88	0.16	38,38,38,38	0
55	MG	DA	1900	1/1	0.88	0.11	87,87,87,87	0
55	MG	CA	4107	1/1	0.88	0.08	52,52,52,52	0
55	MG	AA	4724	1/1	0.88	0.10	59,59,59,59	0
55	MG	AA	4078	1/1	0.88	0.09	60,60,60,60	0
55	MG	BW	111	1/1	0.88	0.06	53,53,53,53	0
55	MG	CA	4131	1/1	0.88	0.14	70,70,70,70	0
55	MG	CA	3199	1/1	0.89	0.15	41,41,41,41	0
55	MG	BW	105	1/1	0.89	0.06	69,69,69,69	0
55	MG	BA	2069	1/1	0.89	0.09	52,52,52,52	0
55	MG	BW	107	1/1	0.89	0.06	78,78,78,78	0
55	MG	CA	4079	1/1	0.89	0.12	51,51,51,51	0
55	MG	DA	1902	1/1	0.89	0.08	70,70,70,70	0
55	MG	AA	4412	1/1	0.89	0.36	60,60,60,60	0
55	MG	CA	4082	1/1	0.89	0.13	43,43,43,43	0
55	MG	CG	201	1/1	0.89	0.09	86,86,86,86	0
55	MG	AA	4665	1/1	0.89	0.06	78,78,78,78	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4093	1/1	0.89	0.10	56,56,56,56	0
55	MG	BA	1648	1/1	0.89	0.09	61,61,61,61	0
55	MG	CA	4102	1/1	0.89	0.11	69,69,69,69	0
55	MG	AA	4617	1/1	0.89	0.06	51,51,51,51	0
55	MG	CN	203	1/1	0.89	0.22	65,65,65,65	0
55	MG	BA	1650	1/1	0.89	0.20	80,80,80,80	0
55	MG	BA	1796	1/1	0.89	0.07	56,56,56,56	0
55	MG	CA	3661	1/1	0.89	0.05	63,63,63,63	0
55	MG	CV	201	1/1	0.89	0.08	78,78,78,78	0
55	MG	BA	1928	1/1	0.89	0.06	53,53,53,53	0
55	MG	CA	3274	1/1	0.89	0.20	40,40,40,40	0
55	MG	AA	4961	1/1	0.89	0.11	44,44,44,44	0
55	MG	CA	3677	1/1	0.89	0.11	67,67,67,67	0
55	MG	CX	101	1/1	0.89	0.19	71,71,71,71	0
55	MG	DA	1926	1/1	0.89	0.06	54,54,54,54	0
55	MG	CA	4136	1/1	0.89	0.24	67,67,67,67	0
55	MG	C2	101	1/1	0.89	0.09	15,15,15,15	0
55	MG	AA	4963	1/1	0.89	0.07	62,62,62,62	0
55	MG	CA	3278	1/1	0.89	0.16	36,36,36,36	0
55	MG	CA	3285	1/1	0.89	0.22	45,45,45,45	0
55	MG	BA	1654	1/1	0.89	0.09	89,89,89,89	0
55	MG	CA	4152	1/1	0.89	0.17	77,77,77,77	0
55	MG	BW	119	1/1	0.89	0.07	73,73,73,73	0
55	MG	CA	3300	1/1	0.89	0.32	60,60,60,60	0
55	MG	BA	1656	1/1	0.89	0.32	70,70,70,70	0
55	MG	DA	1942	1/1	0.89	0.06	58,58,58,58	0
55	MG	AA	4047	1/1	0.89	0.10	65,65,65,65	0
55	MG	AA	4968	1/1	0.89	0.19	65,65,65,65	0
55	MG	CA	4178	1/1	0.89	0.15	50,50,50,50	0
55	MG	BA	2091	1/1	0.89	0.07	70,70,70,70	0
55	MG	CA	3316	1/1	0.89	0.17	61,61,61,61	0
55	MG	AA	4220	1/1	0.89	0.08	36,36,36,36	0
55	MG	CA	2918	1/1	0.89	0.27	89,89,89,89	0
55	MG	AA	4156	1/1	0.89	0.09	72,72,72,72	0
55	MG	AA	4622	1/1	0.89	0.06	79,79,79,79	0
55	MG	CA	3720	1/1	0.89	0.13	60,60,60,60	0
55	MG	DA	1620	1/1	0.89	0.08	101,101,101,101	0
55	MG	CA	3330	1/1	0.89	0.29	69,69,69,69	0
55	MG	AA	4974	1/1	0.89	0.21	73,73,73,73	0
55	MG	CA	3342	1/1	0.89	0.12	48,48,48,48	0
55	MG	DA	1625	1/1	0.89	0.13	81,81,81,81	0
55	MG	CA	3346	1/1	0.89	0.17	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	2922	1/1	0.89	0.08	56,56,56,56	0
55	MG	AA	5070	1/1	0.89	0.09	79,79,79,79	0
55	MG	BA	1945	1/1	0.89	0.27	82,82,82,82	0
55	MG	AA	5254	1/1	0.89	0.13	54,54,54,54	0
55	MG	CA	4215	1/1	0.89	0.06	55,55,55,55	0
55	MG	CA	4217	1/1	0.89	0.08	41,41,41,41	0
55	MG	DA	2003	1/1	0.89	0.11	53,53,53,53	0
55	MG	CA	2931	1/1	0.89	0.24	105,105,105,105	0
55	MG	DA	2008	1/1	0.89	0.29	70,70,70,70	0
55	MG	AA	4679	1/1	0.89	0.09	40,40,40,40	0
55	MG	AA	4032	1/1	0.89	0.26	82,82,82,82	0
55	MG	DA	2013	1/1	0.89	0.07	49,49,49,49	0
55	MG	CA	4223	1/1	0.89	0.15	30,30,30,30	0
55	MG	DA	2016	1/1	0.89	0.10	49,49,49,49	0
55	MG	CA	3358	1/1	0.89	0.28	41,41,41,41	0
55	MG	BA	1824	1/1	0.89	0.18	76,76,76,76	0
55	MG	CA	3360	1/1	0.89	0.17	53,53,53,53	0
55	MG	BA	1668	1/1	0.89	0.10	57,57,57,57	0
55	MG	BA	1956	1/1	0.89	0.17	50,50,50,50	0
55	MG	CA	3368	1/1	0.89	0.19	41,41,41,41	0
55	MG	CA	3753	1/1	0.89	0.18	69,69,69,69	0
55	MG	BA	1957	1/1	0.89	0.07	33,33,33,33	0
55	MG	DA	1653	1/1	0.89	0.06	47,47,47,47	0
55	MG	CA	2943	1/1	0.89	0.30	69,69,69,69	0
55	MG	AA	4741	1/1	0.89	0.18	71,71,71,71	0
55	MG	BA	1831	1/1	0.89	0.13	124,124,124,124	0
55	MG	DA	2042	1/1	0.89	0.34	87,87,87,87	0
55	MG	CA	4251	1/1	0.89	0.23	56,56,56,56	0
55	MG	BA	1670	1/1	0.89	0.05	78,78,78,78	0
55	MG	AF	301	1/1	0.89	0.27	59,59,59,59	0
55	MG	DA	2049	1/1	0.89	0.05	56,56,56,56	0
55	MG	AF	306	1/1	0.89	0.07	53,53,53,53	0
55	MG	CA	3761	1/1	0.89	0.13	57,57,57,57	0
55	MG	DA	2053	1/1	0.89	0.27	92,92,92,92	0
55	MG	BA	1673	1/1	0.89	0.11	66,66,66,66	0
55	MG	AA	4987	1/1	0.89	0.07	78,78,78,78	0
55	MG	BA	2128	1/1	0.89	0.07	83,83,83,83	0
55	MG	DA	1669	1/1	0.89	0.18	98,98,98,98	0
55	MG	CA	3773	1/1	0.89	0.20	67,67,67,67	0
55	MG	CA	3417	1/1	0.89	0.13	45,45,45,45	0
55	MG	AA	5162	1/1	0.89	0.06	47,47,47,47	0
55	MG	AA	5084	1/1	0.89	0.07	57,57,57,57	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4276	1/1	0.89	0.10	61,61,61,61	0
55	MG	CA	3423	1/1	0.89	0.05	56,56,56,56	0
55	MG	DA	1682	1/1	0.89	0.10	68,68,68,68	0
55	MG	CA	2963	1/1	0.89	0.19	90,90,90,90	0
55	MG	AA	4035	1/1	0.89	0.09	65,65,65,65	0
55	MG	AN	203	1/1	0.89	0.04	64,64,64,64	0
55	MG	AA	4134	1/1	0.89	0.11	52,52,52,52	0
55	MG	DA	1703	1/1	0.89	0.10	34,34,34,34	0
55	MG	AA	5169	1/1	0.89	0.25	71,71,71,71	0
55	MG	DA	2082	1/1	0.89	0.20	81,81,81,81	0
55	MG	BA	1986	1/1	0.89	0.05	56,56,56,56	0
55	MG	AA	4883	1/1	0.89	0.14	47,47,47,47	0
55	MG	BA	1686	1/1	0.89	0.16	40,40,40,40	0
55	MG	DA	1718	1/1	0.89	0.15	43,43,43,43	0
55	MG	CA	3450	1/1	0.89	0.18	49,49,49,49	0
55	MG	DA	2090	1/1	0.89	0.07	86,86,86,86	0
55	MG	CA	4294	1/1	0.89	0.57	94,94,94,94	0
55	MG	AA	5090	1/1	0.89	0.14	73,73,73,73	0
55	MG	CA	2980	1/1	0.89	0.09	67,67,67,67	0
55	MG	CA	3816	1/1	0.89	0.12	68,68,68,68	0
55	MG	AA	4447	1/1	0.89	0.15	63,63,63,63	0
55	MG	BA	2143	1/1	0.89	0.07	83,83,83,83	0
55	MG	BA	1996	1/1	0.89	0.07	61,61,61,61	0
55	MG	AA	5092	1/1	0.89	0.12	55,55,55,55	0
55	MG	AA	5178	1/1	0.89	0.14	74,74,74,74	0
55	MG	DA	1740	1/1	0.89	0.17	46,46,46,46	0
55	MG	AA	4456	1/1	0.89	0.12	61,61,61,61	0
55	MG	AA	4639	1/1	0.89	0.09	56,56,56,56	0
55	MG	CA	3471	1/1	0.89	0.15	71,71,71,71	0
55	MG	AA	4297	1/1	0.89	0.29	53,53,53,53	0
55	MG	A5	102	1/1	0.89	0.27	62,62,62,62	0
55	MG	CA	3846	1/1	0.89	0.07	126,126,126,126	0
55	MG	AA	5287	1/1	0.89	0.09	58,58,58,58	0
55	MG	CA	3006	1/1	0.89	0.28	50,50,50,50	0
55	MG	BA	1603	1/1	0.89	0.10	65,65,65,65	0
55	MG	AA	4820	1/1	0.89	0.07	44,44,44,44	0
55	MG	CA	3498	1/1	0.89	0.12	44,44,44,44	0
55	MG	DA	1761	1/1	0.89	0.45	76,76,76,76	0
55	MG	CA	4343	1/1	0.89	0.10	73,73,73,73	0
55	MG	CA	3864	1/1	0.89	0.08	55,55,55,55	0
55	MG	CA	4346	1/1	0.89	0.12	60,60,60,60	0
55	MG	BA	2165	1/1	0.89	0.18	66,66,66,66	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	5003	1/1	0.89	0.12	69,69,69,69	0
55	MG	AA	4343	1/1	0.89	0.22	43,43,43,43	0
55	MG	BA	1724	1/1	0.89	0.14	55,55,55,55	0
55	MG	AA	5293	1/1	0.89	0.09	49,49,49,49	0
55	MG	AA	5294	1/1	0.89	0.07	61,61,61,61	0
55	MG	BB	302	1/1	0.89	0.09	61,61,61,61	0
55	MG	AA	4168	1/1	0.89	0.10	65,65,65,65	0
55	MG	CA	3028	1/1	0.89	0.37	56,56,56,56	0
55	MG	AA	5009	1/1	0.89	0.07	65,65,65,65	0
55	MG	CA	3519	1/1	0.89	0.23	68,68,68,68	0
55	MG	CA	3035	1/1	0.89	0.09	70,70,70,70	0
55	MG	AA	5297	1/1	0.89	0.24	71,71,71,71	0
55	MG	DA	2145	1/1	0.89	0.09	84,84,84,84	0
55	MG	DA	1788	1/1	0.89	0.08	70,70,70,70	0
55	MG	CA	3528	1/1	0.89	0.09	43,43,43,43	0
55	MG	AA	4701	1/1	0.89	0.17	71,71,71,71	0
55	MG	BE	203	1/1	0.89	0.21	91,91,91,91	0
55	MG	CA	3042	1/1	0.89	0.17	67,67,67,67	0
55	MG	CA	3043	1/1	0.89	0.08	95,95,95,95	0
55	MG	CA	3908	1/1	0.89	0.24	55,55,55,55	0
55	MG	AA	4347	1/1	0.89	0.17	54,54,54,54	0
55	MG	AA	4920	1/1	0.89	0.17	75,75,75,75	0
55	MG	DA	2170	1/1	0.89	0.17	107,107,107,107	0
55	MG	DA	1801	1/1	0.89	0.10	79,79,79,79	0
55	MG	CA	3540	1/1	0.89	0.13	49,49,49,49	0
55	MG	CA	3051	1/1	0.89	0.11	95,95,95,95	0
55	MG	CA	3053	1/1	0.89	0.11	81,81,81,81	0
55	MG	AA	4922	1/1	0.89	0.06	67,67,67,67	0
55	MG	AA	4593	1/1	0.89	0.20	82,82,82,82	0
55	MG	CA	4387	1/1	0.89	0.17	50,50,50,50	0
55	MG	CA	3556	1/1	0.89	0.05	55,55,55,55	0
55	MG	BA	2032	1/1	0.89	0.13	59,59,59,59	0
55	MG	CA	3930	1/1	0.89	0.09	74,74,74,74	0
55	MG	AA	4275	1/1	0.89	0.12	41,41,41,41	0
55	MG	BT	201	1/1	0.89	0.22	67,67,67,67	0
55	MG	AA	4555	1/1	0.89	0.30	66,66,66,66	0
55	MG	AA	5207	1/1	0.89	0.13	65,65,65,65	0
55	MG	AA	4398	1/1	0.89	0.22	52,52,52,52	0
55	MG	AA	5214	1/1	0.89	0.07	54,54,54,54	0
55	MG	CA	3075	1/1	0.89	0.18	68,68,68,68	0
55	MG	DA	2201	1/1	0.89	0.18	75,75,75,75	0
55	MG	BV	105	1/1	0.89	0.07	56,56,56,56	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4276	1/1	0.89	0.17	39,39,39,39	0
55	MG	BV	107	1/1	0.89	0.12	68,68,68,68	0
55	MG	BA	1904	1/1	0.89	0.10	79,79,79,79	0
55	MG	CB	205	1/1	0.89	0.07	75,75,75,75	0
55	MG	BA	1762	1/1	0.89	0.27	71,71,71,71	0
55	MG	AA	4938	1/1	0.89	0.17	45,45,45,45	0
55	MG	CA	3593	1/1	0.89	0.06	62,62,62,62	0
55	MG	CA	3962	1/1	0.89	0.11	28,28,28,28	0
55	MG	BV	114	1/1	0.89	0.07	70,70,70,70	0
55	MG	DA	1839	1/1	0.89	0.06	88,88,88,88	0
55	MG	DA	1841	1/1	0.89	0.20	75,75,75,75	0
55	MG	BA	2048	1/1	0.89	0.10	47,47,47,47	0
55	MG	DA	1843	1/1	0.89	0.07	60,60,60,60	0
55	MG	AA	5123	1/1	0.89	0.09	60,60,60,60	0
55	MG	CA	3982	1/1	0.89	0.21	57,57,57,57	0
55	MG	BA	1637	1/1	0.89	0.09	70,70,70,70	0
55	MG	AA	4055	1/1	0.89	0.20	92,92,92,92	0
55	MG	CA	3102	1/1	0.89	0.32	20,20,20,20	0
55	MG	AA	4407	1/1	0.89	0.15	58,58,58,58	0
55	MG	CA	3151	1/1	0.89	0.25	42,42,42,42	0
55	MG	DV	114	1/1	0.89	0.12	68,68,68,68	0
55	MG	CA	4010	1/1	0.89	0.09	42,42,42,42	0
55	MG	BA	2057	1/1	0.89	0.18	46,46,46,46	0
55	MG	CA	3619	1/1	0.89	0.12	56,56,56,56	0
55	MG	AA	4768	1/1	0.89	0.18	83,83,83,83	0
55	MG	DV	121	1/1	0.89	0.06	62,62,62,62	0
55	MG	CA	4027	1/1	0.89	0.13	67,67,67,67	0
55	MG	CB	238	1/1	0.89	0.06	52,52,52,52	0
55	MG	AA	4281	1/1	0.89	0.23	44,44,44,44	0
55	MG	CB	240	1/1	0.89	0.12	54,54,54,54	0
55	MG	BV	129	1/1	0.89	0.08	92,92,92,92	0
55	MG	AA	5040	1/1	0.89	0.24	64,64,64,64	0
55	MG	BW	103	1/1	0.89	0.08	60,60,60,60	0
55	MG	CB	245	1/1	0.89	0.09	51,51,51,51	0
55	MG	CA	3632	1/1	0.89	0.08	61,61,61,61	0
55	MG	CA	4046	1/1	0.89	0.31	59,59,59,59	0
55	MG	CA	4047	1/1	0.89	0.11	38,38,38,38	0
55	MG	CA	3187	1/1	0.89	0.14	36,36,36,36	0
55	MG	CA	4050	1/1	0.89	0.08	54,54,54,54	0
55	MG	CA	3637	1/1	0.89	0.08	47,47,47,47	0
55	MG	AA	4314	1/1	0.89	0.15	36,36,36,36	0
55	MG	CA	3198	1/1	0.89	0.15	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4063	1/1	0.89	0.15	58,58,58,58	0
55	MG	CA	4066	1/1	0.89	0.10	54,54,54,54	0
55	MG	CA	4067	1/1	0.89	0.07	50,50,50,50	0
55	MG	CB	264	1/1	0.89	0.08	62,62,62,62	0
55	MG	AA	4269	1/1	0.90	0.20	34,34,34,34	0
55	MG	DA	1849	1/1	0.90	0.08	65,65,65,65	0
55	MG	CA	4385	1/1	0.90	0.10	61,61,61,61	0
55	MG	DA	1851	1/1	0.90	0.15	102,102,102,102	0
55	MG	AA	4827	1/1	0.90	0.07	64,64,64,64	0
55	MG	DA	1854	1/1	0.90	0.12	47,47,47,47	0
55	MG	BA	2074	1/1	0.90	0.10	46,46,46,46	0
55	MG	AA	4546	1/1	0.90	0.17	76,76,76,76	0
55	MG	CA	3457	1/1	0.90	0.13	42,42,42,42	0
55	MG	CA	3884	1/1	0.90	0.29	86,86,86,86	0
55	MG	AA	4016	1/1	0.90	0.14	99,99,99,99	0
55	MG	AB	201	1/1	0.90	0.17	87,87,87,87	0
55	MG	CA	3461	1/1	0.90	0.14	45,45,45,45	0
55	MG	CA	3891	1/1	0.90	0.10	50,50,50,50	0
55	MG	AA	4122	1/1	0.90	0.13	65,65,65,65	0
55	MG	CA	3463	1/1	0.90	0.38	70,70,70,70	0
55	MG	AA	4833	1/1	0.90	0.21	69,69,69,69	0
55	MG	BA	1871	1/1	0.90	0.09	71,71,71,71	0
55	MG	AA	4478	1/1	0.90	0.17	44,44,44,44	0
55	MG	AA	4351	1/1	0.90	0.36	63,63,63,63	0
55	MG	AA	5010	1/1	0.90	0.35	81,81,81,81	0
55	MG	DA	1876	1/1	0.90	0.08	56,56,56,56	0
55	MG	CA	3906	1/1	0.90	0.09	47,47,47,47	0
55	MG	CA	3477	1/1	0.90	0.06	45,45,45,45	0
55	MG	CA	3478	1/1	0.90	0.27	48,48,48,48	0
55	MG	CA	3480	1/1	0.90	0.08	49,49,49,49	0
55	MG	AA	5151	1/1	0.90	0.07	58,58,58,58	0
55	MG	CA	3487	1/1	0.90	0.13	50,50,50,50	0
55	MG	AB	212	1/1	0.90	0.06	45,45,45,45	0
55	MG	BA	2090	1/1	0.90	0.14	55,55,55,55	0
55	MG	AA	4418	1/1	0.90	0.26	53,53,53,53	0
55	MG	CA	2985	1/1	0.90	0.15	43,43,43,43	0
55	MG	CA	2988	1/1	0.90	0.23	87,87,87,87	0
55	MG	CA	3922	1/1	0.90	0.15	72,72,72,72	0
55	MG	AA	4104	1/1	0.90	0.25	91,91,91,91	0
55	MG	DA	1896	1/1	0.90	0.08	74,74,74,74	0
55	MG	AA	5014	1/1	0.90	0.06	45,45,45,45	0
55	MG	DA	1899	1/1	0.90	0.04	71,71,71,71	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AB	217	1/1	0.90	0.15	84,84,84,84	0
55	MG	AA	5015	1/1	0.90	0.05	46,46,46,46	0
55	MG	BA	1887	1/1	0.90	0.05	51,51,51,51	0
55	MG	BA	1889	1/1	0.90	0.07	98,98,98,98	0
55	MG	AA	5163	1/1	0.90	0.12	63,63,63,63	0
55	MG	BA	1891	1/1	0.90	0.08	56,56,56,56	0
55	MG	AA	4022	1/1	0.90	0.12	66,66,66,66	0
55	MG	AA	4850	1/1	0.90	0.09	50,50,50,50	0
55	MG	AA	4732	1/1	0.90	0.33	112,112,112,112	0
55	MG	CA	3946	1/1	0.90	0.08	51,51,51,51	0
55	MG	BA	1898	1/1	0.90	0.10	54,54,54,54	0
55	MG	AA	5024	1/1	0.90	0.08	52,52,52,52	0
55	MG	BA	1679	1/1	0.90	0.13	46,46,46,46	0
55	MG	AA	4733	1/1	0.90	0.07	20,20,20,20	0
55	MG	CA	3531	1/1	0.90	0.09	52,52,52,52	0
55	MG	AA	4487	1/1	0.90	0.09	43,43,43,43	0
55	MG	AA	4645	1/1	0.90	0.08	57,57,57,57	0
55	MG	AA	4424	1/1	0.90	0.26	48,48,48,48	0
55	MG	CA	3971	1/1	0.90	0.12	36,36,36,36	0
55	MG	BA	1685	1/1	0.90	0.27	34,34,34,34	0
55	MG	CA	3024	1/1	0.90	0.26	75,75,75,75	0
55	MG	CA	3025	1/1	0.90	0.08	46,46,46,46	0
55	MG	CA	3993	1/1	0.90	0.13	37,37,37,37	0
55	MG	CA	3027	1/1	0.90	0.13	48,48,48,48	0
55	MG	AA	4428	1/1	0.90	0.07	36,36,36,36	0
55	MG	CA	3546	1/1	0.90	0.19	55,55,55,55	0
55	MG	BA	1693	1/1	0.90	0.14	43,43,43,43	0
55	MG	CE	303	1/1	0.90	0.11	31,31,31,31	0
55	MG	AA	5179	1/1	0.90	0.18	61,61,61,61	0
55	MG	AA	4744	1/1	0.90	0.13	61,61,61,61	0
55	MG	CA	3557	1/1	0.90	0.22	59,59,59,59	0
55	MG	AA	4863	1/1	0.90	0.32	51,51,51,51	0
55	MG	CA	3039	1/1	0.90	0.09	81,81,81,81	0
55	MG	CA	3565	1/1	0.90	0.15	65,65,65,65	0
55	MG	AA	4653	1/1	0.90	0.11	90,90,90,90	0
55	MG	CA	3041	1/1	0.90	0.20	72,72,72,72	0
55	MG	DA	1948	1/1	0.90	0.07	58,58,58,58	0
55	MG	BA	1705	1/1	0.90	0.08	55,55,55,55	0
55	MG	CL	203	1/1	0.90	0.18	49,49,49,49	0
55	MG	BA	1711	1/1	0.90	0.25	57,57,57,57	0
55	MG	BA	1712	1/1	0.90	0.07	41,41,41,41	0
55	MG	AA	4569	1/1	0.90	0.20	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4491	1/1	0.90	0.07	74,74,74,74	0
55	MG	CR	201	1/1	0.90	0.07	17,17,17,17	0
55	MG	DA	1959	1/1	0.90	0.15	45,45,45,45	0
55	MG	DA	1967	1/1	0.90	0.14	36,36,36,36	0
55	MG	CS	203	1/1	0.90	0.13	53,53,53,53	0
55	MG	DA	1971	1/1	0.90	0.05	45,45,45,45	0
55	MG	CA	4049	1/1	0.90	0.07	62,62,62,62	0
55	MG	CA	3052	1/1	0.90	0.20	86,86,86,86	0
55	MG	AB	239	1/1	0.90	0.06	49,49,49,49	0
55	MG	CA	4054	1/1	0.90	0.26	33,33,33,33	0
55	MG	AA	4749	1/1	0.90	0.09	51,51,51,51	0
55	MG	AA	5044	1/1	0.90	0.08	72,72,72,72	0
55	MG	AB	242	1/1	0.90	0.07	62,62,62,62	0
55	MG	CY	101	1/1	0.90	0.17	58,58,58,58	0
55	MG	CA	3592	1/1	0.90	0.06	49,49,49,49	0
55	MG	AA	4169	1/1	0.90	0.19	67,67,67,67	0
55	MG	CA	3064	1/1	0.90	0.27	75,75,75,75	0
55	MG	AA	4188	1/1	0.90	0.25	44,44,44,44	0
55	MG	BA	1931	1/1	0.90	0.27	61,61,61,61	0
55	MG	AB	245	1/1	0.90	0.11	63,63,63,63	0
55	MG	CA	3070	1/1	0.90	0.08	39,39,39,39	0
55	MG	BA	2151	1/1	0.90	0.06	76,76,76,76	0
55	MG	AA	4880	1/1	0.90	0.13	34,34,34,34	0
55	MG	CA	4084	1/1	0.90	0.17	67,67,67,67	0
55	MG	AA	4441	1/1	0.90	0.12	43,43,43,43	0
55	MG	AA	4443	1/1	0.90	0.06	43,43,43,43	0
55	MG	DA	1608	1/1	0.90	0.07	71,71,71,71	0
55	MG	BA	1938	1/1	0.90	0.17	78,78,78,78	0
55	MG	CA	4100	1/1	0.90	0.17	65,65,65,65	0
55	MG	AD	303	1/1	0.90	0.15	38,38,38,38	0
55	MG	CA	4105	1/1	0.90	0.10	60,60,60,60	0
55	MG	AA	5054	1/1	0.90	0.07	48,48,48,48	0
55	MG	AA	4886	1/1	0.90	0.06	42,42,42,42	0
55	MG	DA	1617	1/1	0.90	0.06	78,78,78,78	0
55	MG	BA	1742	1/1	0.90	0.18	60,60,60,60	0
55	MG	AA	4888	1/1	0.90	0.08	36,36,36,36	0
55	MG	DA	2041	1/1	0.90	0.06	112,112,112,112	0
55	MG	CA	4122	1/1	0.90	0.13	49,49,49,49	0
55	MG	CA	3629	1/1	0.90	0.28	106,106,106,106	0
55	MG	AF	303	1/1	0.90	0.10	62,62,62,62	0
55	MG	AF	304	1/1	0.90	0.15	73,73,73,73	0
55	MG	DA	2048	1/1	0.90	0.14	52,52,52,52	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3636	1/1	0.90	0.11	53,53,53,53	0
55	MG	AA	4283	1/1	0.90	0.08	39,39,39,39	0
55	MG	AA	5210	1/1	0.90	0.23	83,83,83,83	0
55	MG	AA	4370	1/1	0.90	0.16	51,51,51,51	0
55	MG	CA	3105	1/1	0.90	0.29	18,18,18,18	0
55	MG	CA	3642	1/1	0.90	0.08	46,46,46,46	0
55	MG	CA	4150	1/1	0.90	0.23	75,75,75,75	0
55	MG	BA	1751	1/1	0.90	0.14	91,91,91,91	0
55	MG	AA	4284	1/1	0.90	0.10	28,28,28,28	0
55	MG	BA	1756	1/1	0.90	0.14	59,59,59,59	0
55	MG	BA	1960	1/1	0.90	0.14	35,35,35,35	0
55	MG	CA	4166	1/1	0.90	0.16	59,59,59,59	0
55	MG	DA	2066	1/1	0.90	0.09	55,55,55,55	0
55	MG	BA	1962	1/1	0.90	0.17	49,49,49,49	0
55	MG	CA	4175	1/1	0.90	0.14	64,64,64,64	0
55	MG	AA	5215	1/1	0.90	0.08	68,68,68,68	0
55	MG	AA	5216	1/1	0.90	0.06	58,58,58,58	0
55	MG	CA	3656	1/1	0.90	0.24	44,44,44,44	0
55	MG	AO	201	1/1	0.90	0.18	67,67,67,67	0
55	MG	CA	3178	1/1	0.90	0.10	25,25,25,25	0
55	MG	DA	1650	1/1	0.90	0.18	116,116,116,116	0
55	MG	AP	201	1/1	0.90	0.06	55,55,55,55	0
55	MG	AA	4449	1/1	0.90	0.13	58,58,58,58	0
55	MG	BA	1971	1/1	0.90	0.10	34,34,34,34	0
55	MG	BA	1764	1/1	0.90	0.07	51,51,51,51	0
55	MG	CA	3672	1/1	0.90	0.20	72,72,72,72	0
55	MG	CA	4195	1/1	0.90	0.12	64,64,64,64	0
55	MG	AA	5221	1/1	0.90	0.16	55,55,55,55	0
55	MG	CA	3205	1/1	0.90	0.16	34,34,34,34	0
55	MG	DA	2092	1/1	0.90	0.05	70,70,70,70	0
55	MG	CA	3209	1/1	0.90	0.15	38,38,38,38	0
55	MG	CA	3682	1/1	0.90	0.11	93,93,93,93	0
55	MG	AA	4453	1/1	0.90	0.12	48,48,48,48	0
55	MG	DA	1664	1/1	0.90	0.14	73,73,73,73	0
55	MG	CA	4210	1/1	0.90	0.10	63,63,63,63	0
55	MG	DA	1667	1/1	0.90	0.05	67,67,67,67	0
55	MG	AA	4905	1/1	0.90	0.07	71,71,71,71	0
55	MG	BA	1977	1/1	0.90	0.14	65,65,65,65	0
55	MG	CA	3233	1/1	0.90	0.15	33,33,33,33	0
55	MG	CA	4216	1/1	0.90	0.10	60,60,60,60	0
55	MG	AA	4513	1/1	0.90	0.10	42,42,42,42	0
55	MG	BA	1777	1/1	0.90	0.08	63,63,63,63	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4219	1/1	0.90	0.21	78,78,78,78	0
55	MG	CA	3245	1/1	0.90	0.08	31,31,31,31	0
55	MG	DA	1681	1/1	0.90	0.06	83,83,83,83	0
55	MG	AA	4454	1/1	0.90	0.06	49,49,49,49	0
55	MG	CA	3708	1/1	0.90	0.27	77,77,77,77	0
55	MG	CA	3247	1/1	0.90	0.14	23,23,23,23	0
55	MG	AA	5229	1/1	0.90	0.10	54,54,54,54	0
55	MG	DA	1690	1/1	0.90	0.34	79,79,79,79	0
55	MG	CA	4230	1/1	0.90	0.22	53,53,53,53	0
55	MG	AA	4109	1/1	0.90	0.18	59,59,59,59	0
55	MG	DA	1706	1/1	0.90	0.16	54,54,54,54	0
55	MG	DA	1708	1/1	0.90	0.08	46,46,46,46	0
55	MG	CA	3266	1/1	0.90	0.13	25,25,25,25	0
55	MG	CA	3269	1/1	0.90	0.19	40,40,40,40	0
55	MG	CA	3270	1/1	0.90	0.08	26,26,26,26	0
55	MG	AA	4919	1/1	0.90	0.13	64,64,64,64	0
55	MG	AA	4766	1/1	0.90	0.16	63,63,63,63	0
55	MG	CA	3725	1/1	0.90	0.15	67,67,67,67	0
55	MG	DA	2133	1/1	0.90	0.07	66,66,66,66	0
55	MG	CA	4246	1/1	0.90	0.07	51,51,51,51	0
55	MG	BV	117	1/1	0.90	0.13	43,43,43,43	0
55	MG	AA	4163	1/1	0.90	0.14	72,72,72,72	0
55	MG	AA	4681	1/1	0.90	0.08	69,69,69,69	0
55	MG	BA	1993	1/1	0.90	0.05	28,28,28,28	0
55	MG	CA	4256	1/1	0.90	0.05	70,70,70,70	0
55	MG	DA	1732	1/1	0.90	0.12	64,64,64,64	0
55	MG	DA	2142	1/1	0.90	0.24	45,45,45,45	0
55	MG	BA	1995	1/1	0.90	0.06	61,61,61,61	0
55	MG	CA	3291	1/1	0.90	0.08	31,31,31,31	0
55	MG	DA	1736	1/1	0.90	0.13	60,60,60,60	0
55	MG	DA	2150	1/1	0.90	0.10	57,57,57,57	0
55	MG	BA	1788	1/1	0.90	0.18	58,58,58,58	0
55	MG	AA	4683	1/1	0.90	0.12	53,53,53,53	0
55	MG	CA	3742	1/1	0.90	0.22	112,112,112,112	0
55	MG	AA	4246	1/1	0.90	0.29	43,43,43,43	0
55	MG	CA	3306	1/1	0.90	0.10	25,25,25,25	0
55	MG	CA	3746	1/1	0.90	0.25	62,62,62,62	0
55	MG	CA	4272	1/1	0.90	0.13	65,65,65,65	0
55	MG	DA	2164	1/1	0.90	0.07	54,54,54,54	0
55	MG	BV	130	1/1	0.90	0.07	43,43,43,43	0
55	MG	AA	5240	1/1	0.90	0.33	93,93,93,93	0
55	MG	BA	2002	1/1	0.90	0.14	71,71,71,71	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4519	1/1	0.90	0.12	50,50,50,50	0
55	MG	CA	3320	1/1	0.90	0.21	42,42,42,42	0
55	MG	BA	1797	1/1	0.90	0.07	53,53,53,53	0
55	MG	CA	4281	1/1	0.90	0.17	68,68,68,68	0
55	MG	CA	4282	1/1	0.90	0.21	56,56,56,56	0
55	MG	AA	4601	1/1	0.90	0.17	68,68,68,68	0
55	MG	AA	4521	1/1	0.90	0.09	64,64,64,64	0
55	MG	AA	4208	1/1	0.90	0.22	34,34,34,34	0
55	MG	AA	4940	1/1	0.90	0.06	48,48,48,48	0
55	MG	CA	3335	1/1	0.90	0.11	34,34,34,34	0
55	MG	AA	4606	1/1	0.90	0.24	109,109,109,109	0
55	MG	CA	4291	1/1	0.90	0.05	46,46,46,46	0
55	MG	AA	4333	1/1	0.90	0.22	53,53,53,53	0
55	MG	AA	4790	1/1	0.90	0.08	43,43,43,43	0
55	MG	DA	2196	1/1	0.90	0.21	90,90,90,90	0
55	MG	BA	1616	1/1	0.90	0.10	65,65,65,65	0
55	MG	AA	4533	1/1	0.90	0.09	64,64,64,64	0
55	MG	AA	5105	1/1	0.90	0.06	47,47,47,47	0
55	MG	AA	4612	1/1	0.90	0.11	59,59,59,59	0
55	MG	BA	1620	1/1	0.90	0.11	62,62,62,62	0
55	MG	AA	4801	1/1	0.90	0.06	61,61,61,61	0
55	MG	AA	4462	1/1	0.90	0.18	48,48,48,48	0
55	MG	AA	4958	1/1	0.90	0.17	78,78,78,78	0
55	MG	CA	4314	1/1	0.90	0.09	62,62,62,62	0
55	MG	DH	203	1/1	0.90	0.30	102,102,102,102	0
55	MG	CA	2907	1/1	0.90	0.22	70,70,70,70	0
55	MG	CA	2909	1/1	0.90	0.16	67,67,67,67	0
55	MG	BA	1626	1/1	0.90	0.10	81,81,81,81	0
55	MG	BA	1828	1/1	0.90	0.10	68,68,68,68	0
55	MG	CA	4321	1/1	0.90	0.08	63,63,63,63	0
55	MG	CA	4325	1/1	0.90	0.20	72,72,72,72	0
55	MG	CA	3367	1/1	0.90	0.44	50,50,50,50	0
55	MG	AA	4959	1/1	0.90	0.10	37,37,37,37	0
55	MG	CA	3805	1/1	0.90	0.15	72,72,72,72	0
55	MG	AA	4334	1/1	0.90	0.19	53,53,53,53	0
55	MG	DV	102	1/1	0.90	0.07	54,54,54,54	0
55	MG	BA	2035	1/1	0.90	0.17	61,61,61,61	0
55	MG	CA	3811	1/1	0.90	0.05	72,72,72,72	0
55	MG	AA	4806	1/1	0.90	0.13	48,48,48,48	0
55	MG	AA	4537	1/1	0.90	0.20	58,58,58,58	0
55	MG	AA	4706	1/1	0.90	0.14	58,58,58,58	0
55	MG	AA	4811	1/1	0.90	0.07	60,60,60,60	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	1838	1/1	0.90	0.12	90,90,90,90	0
55	MG	CA	3401	1/1	0.90	0.21	55,55,55,55	0
55	MG	AA	4812	1/1	0.90	0.08	62,62,62,62	0
55	MG	AA	4708	1/1	0.90	0.17	72,72,72,72	0
55	MG	DV	120	1/1	0.90	0.11	54,54,54,54	0
55	MG	AA	4709	1/1	0.90	0.10	67,67,67,67	0
55	MG	CA	3829	1/1	0.90	0.15	68,68,68,68	0
55	MG	AA	4712	1/1	0.90	0.41	69,69,69,69	0
55	MG	CA	3834	1/1	0.90	0.06	69,69,69,69	0
55	MG	AA	4336	1/1	0.90	0.15	51,51,51,51	0
55	MG	BA	2050	1/1	0.90	0.08	62,62,62,62	0
55	MG	CA	3839	1/1	0.90	0.10	27,27,27,27	0
55	MG	DA	1830	1/1	0.90	0.08	56,56,56,56	0
55	MG	BA	1643	1/1	0.90	0.14	81,81,81,81	0
55	MG	AA	4818	1/1	0.90	0.11	79,79,79,79	0
55	MG	CA	3425	1/1	0.90	0.09	57,57,57,57	0
55	MG	AA	4075	1/1	0.90	0.10	88,88,88,88	0
55	MG	AA	4342	1/1	0.90	0.14	40,40,40,40	0
55	MG	AA	5288	1/1	0.90	0.05	68,68,68,68	0
55	MG	CA	3857	1/1	0.90	0.07	44,44,44,44	0
55	MG	AA	4294	1/1	0.90	0.24	50,50,50,50	0
55	MG	AA	4223	1/1	0.90	0.17	39,39,39,39	0
55	MG	CA	3863	1/1	0.90	0.06	50,50,50,50	0
55	MG	AA	5138	1/1	0.90	0.11	72,72,72,72	0
55	MG	CA	3447	1/1	0.90	0.11	57,57,57,57	0
55	MG	DW	122	1/1	0.90	0.06	72,72,72,72	0
55	MG	AA	4624	1/1	0.90	0.07	75,75,75,75	0
55	MG	CA	2942	1/1	0.91	0.10	56,56,56,56	0
55	MG	DA	1883	1/1	0.91	0.14	75,75,75,75	0
55	MG	AA	4217	1/1	0.91	0.17	43,43,43,43	0
55	MG	AA	4048	1/1	0.91	0.05	62,62,62,62	0
55	MG	AA	5094	1/1	0.91	0.05	55,55,55,55	0
55	MG	CA	3665	1/1	0.91	0.06	50,50,50,50	0
55	MG	CA	3321	1/1	0.91	0.20	45,45,45,45	0
55	MG	AA	4769	1/1	0.91	0.12	69,69,69,69	0
55	MG	CA	2947	1/1	0.91	0.11	38,38,38,38	0
55	MG	AA	4325	1/1	0.91	0.19	44,44,44,44	0
55	MG	AA	5209	1/1	0.91	0.09	51,51,51,51	0
55	MG	AA	4975	1/1	0.91	0.08	57,57,57,57	0
55	MG	CA	3333	1/1	0.91	0.18	49,49,49,49	0
55	MG	CA	3683	1/1	0.91	0.06	62,62,62,62	0
55	MG	BA	1940	1/1	0.91	0.05	65,65,65,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3337	1/1	0.91	0.15	58,58,58,58	0
55	MG	BA	1646	1/1	0.91	0.06	59,59,59,59	0
55	MG	CA	2956	1/1	0.91	0.38	59,59,59,59	0
55	MG	AA	5211	1/1	0.91	0.12	74,74,74,74	0
55	MG	CJ	201	1/1	0.91	0.19	71,71,71,71	0
55	MG	CA	3698	1/1	0.91	0.06	65,65,65,65	0
55	MG	CA	4103	1/1	0.91	0.08	43,43,43,43	0
55	MG	CA	3699	1/1	0.91	0.14	75,75,75,75	0
55	MG	CA	3700	1/1	0.91	0.24	79,79,79,79	0
55	MG	CL	204	1/1	0.91	0.12	41,41,41,41	0
55	MG	AA	4772	1/1	0.91	0.11	51,51,51,51	0
55	MG	CA	3348	1/1	0.91	0.14	43,43,43,43	0
55	MG	DA	1919	1/1	0.91	0.06	66,66,66,66	0
55	MG	CO	201	1/1	0.91	0.06	43,43,43,43	0
55	MG	BA	1799	1/1	0.91	0.08	64,64,64,64	0
55	MG	CA	3707	1/1	0.91	0.04	49,49,49,49	0
55	MG	AA	4486	1/1	0.91	0.04	60,60,60,60	0
55	MG	BA	1801	1/1	0.91	0.23	88,88,88,88	0
55	MG	BA	2122	1/1	0.91	0.13	44,44,44,44	0
55	MG	CA	3713	1/1	0.91	0.09	54,54,54,54	0
55	MG	AA	4393	1/1	0.91	0.08	57,57,57,57	0
55	MG	BA	1803	1/1	0.91	0.11	61,61,61,61	0
55	MG	BA	2126	1/1	0.91	0.17	106,106,106,106	0
55	MG	AA	4775	1/1	0.91	0.10	66,66,66,66	0
55	MG	AA	5218	1/1	0.91	0.09	51,51,51,51	0
55	MG	CA	4145	1/1	0.91	0.36	147,147,147,147	0
55	MG	CA	4149	1/1	0.91	0.10	39,39,39,39	0
55	MG	AA	4777	1/1	0.91	0.09	48,48,48,48	0
55	MG	BA	1809	1/1	0.91	0.12	62,62,62,62	0
55	MG	DA	1939	1/1	0.91	0.17	214,214,214,214	0
55	MG	CA	3365	1/1	0.91	0.09	25,25,25,25	0
55	MG	CA	4155	1/1	0.91	0.11	54,54,54,54	0
55	MG	DA	1944	1/1	0.91	0.05	64,64,64,64	0
55	MG	CA	4158	1/1	0.91	0.29	83,83,83,83	0
55	MG	AB	235	1/1	0.91	0.11	53,53,53,53	0
55	MG	AA	4864	1/1	0.91	0.13	30,30,30,30	0
55	MG	CA	2987	1/1	0.91	0.10	67,67,67,67	0
55	MG	CA	3370	1/1	0.91	0.18	52,52,52,52	0
55	MG	CA	4174	1/1	0.91	0.09	53,53,53,53	0
55	MG	BA	1963	1/1	0.91	0.12	51,51,51,51	0
55	MG	AA	4040	1/1	0.91	0.14	60,60,60,60	0
55	MG	CA	3378	1/1	0.91	0.10	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1610	1/1	0.91	0.10	59,59,59,59	0
55	MG	CA	3741	1/1	0.91	0.10	59,59,59,59	0
55	MG	CA	3381	1/1	0.91	0.12	32,32,32,32	0
55	MG	DA	1962	1/1	0.91	0.12	39,39,39,39	0
55	MG	AA	4137	1/1	0.91	0.20	85,85,85,85	0
55	MG	DA	1969	1/1	0.91	0.16	46,46,46,46	0
55	MG	CA	4183	1/1	0.91	0.18	71,71,71,71	0
55	MG	CA	3391	1/1	0.91	0.23	72,72,72,72	0
55	MG	BA	2138	1/1	0.91	0.09	51,51,51,51	0
55	MG	DA	1975	1/1	0.91	0.09	43,43,43,43	0
55	MG	CA	4187	1/1	0.91	0.20	69,69,69,69	0
55	MG	BA	1967	1/1	0.91	0.27	56,56,56,56	0
55	MG	DA	1986	1/1	0.91	0.21	60,60,60,60	0
55	MG	CA	2996	1/1	0.91	0.17	55,55,55,55	0
55	MG	BA	1819	1/1	0.91	0.17	67,67,67,67	0
55	MG	AA	4597	1/1	0.91	0.17	54,54,54,54	0
55	MG	AA	4353	1/1	0.91	0.08	36,36,36,36	0
55	MG	CA	3004	1/1	0.91	0.33	89,89,89,89	0
55	MG	AA	4455	1/1	0.91	0.22	72,72,72,72	0
55	MG	AA	4354	1/1	0.91	0.12	55,55,55,55	0
55	MG	AA	4792	1/1	0.91	0.04	74,74,74,74	0
55	MG	BA	1825	1/1	0.91	0.07	62,62,62,62	0
55	MG	AA	4355	1/1	0.91	0.37	69,69,69,69	0
55	MG	BA	1976	1/1	0.91	0.08	29,29,29,29	0
55	MG	CA	3430	1/1	0.91	0.21	52,52,52,52	0
55	MG	AA	4795	1/1	0.91	0.22	105,105,105,105	0
55	MG	CA	3762	1/1	0.91	0.13	78,78,78,78	0
55	MG	AA	5120	1/1	0.91	0.10	80,80,80,80	0
55	MG	BA	2154	1/1	0.91	0.15	39,39,39,39	0
55	MG	DA	2019	1/1	0.91	0.18	62,62,62,62	0
55	MG	DA	2021	1/1	0.91	0.06	49,49,49,49	0
55	MG	CA	3768	1/1	0.91	0.22	84,84,84,84	0
55	MG	AA	4129	1/1	0.91	0.35	66,66,66,66	0
55	MG	BA	2157	1/1	0.91	0.08	49,49,49,49	0
55	MG	CA	3442	1/1	0.91	0.14	45,45,45,45	0
55	MG	BA	1832	1/1	0.91	0.21	83,83,83,83	0
55	MG	CA	4228	1/1	0.91	0.33	74,74,74,74	0
55	MG	DA	2032	1/1	0.91	0.17	60,60,60,60	0
55	MG	AA	4887	1/1	0.91	0.06	40,40,40,40	0
55	MG	BA	1984	1/1	0.91	0.12	69,69,69,69	0
55	MG	DA	2036	1/1	0.91	0.07	54,54,54,54	0
55	MG	AA	5238	1/1	0.91	0.09	59,59,59,59	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4234	1/1	0.91	0.11	46,46,46,46	0
55	MG	AA	4140	1/1	0.91	0.08	73,73,73,73	0
55	MG	DA	2040	1/1	0.91	0.10	53,53,53,53	0
55	MG	DA	1655	1/1	0.91	0.18	85,85,85,85	0
55	MG	AA	4890	1/1	0.91	0.14	37,37,37,37	0
55	MG	CA	3033	1/1	0.91	0.19	61,61,61,61	0
55	MG	CA	4240	1/1	0.91	0.25	44,44,44,44	0
55	MG	BA	1837	1/1	0.91	0.08	61,61,61,61	0
55	MG	CA	3458	1/1	0.91	0.27	68,68,68,68	0
55	MG	AA	4611	1/1	0.91	0.19	98,98,98,98	0
55	MG	CA	3037	1/1	0.91	0.07	66,66,66,66	0
55	MG	BA	1839	1/1	0.91	0.21	105,105,105,105	0
55	MG	AA	4142	1/1	0.91	0.20	65,65,65,65	0
55	MG	AA	4804	1/1	0.91	0.16	57,57,57,57	0
55	MG	AA	5019	1/1	0.91	0.19	67,67,67,67	0
55	MG	AG	201	1/1	0.91	0.07	78,78,78,78	0
55	MG	DA	2059	1/1	0.91	0.10	52,52,52,52	0
55	MG	AA	4416	1/1	0.91	0.23	56,56,56,56	0
55	MG	CA	3469	1/1	0.91	0.16	50,50,50,50	0
55	MG	AA	4065	1/1	0.91	0.23	100,100,100,100	0
55	MG	AA	4808	1/1	0.91	0.34	73,73,73,73	0
55	MG	BE	205	1/1	0.91	0.14	56,56,56,56	0
55	MG	AA	4734	1/1	0.91	0.16	21,21,21,21	0
55	MG	BI	202	1/1	0.91	0.14	94,94,94,94	0
55	MG	CA	3830	1/1	0.91	0.24	66,66,66,66	0
55	MG	BL	202	1/1	0.91	0.17	47,47,47,47	0
55	MG	CA	3056	1/1	0.91	0.11	47,47,47,47	0
55	MG	DA	1685	1/1	0.91	0.08	59,59,59,59	0
55	MG	CA	3489	1/1	0.91	0.16	69,69,69,69	0
55	MG	CA	3057	1/1	0.91	0.05	51,51,51,51	0
55	MG	CA	3059	1/1	0.91	0.20	92,92,92,92	0
55	MG	BA	2005	1/1	0.91	0.15	63,63,63,63	0
55	MG	CA	3842	1/1	0.91	0.09	71,71,71,71	0
55	MG	DA	1705	1/1	0.91	0.21	34,34,34,34	0
55	MG	BA	1684	1/1	0.91	0.21	29,29,29,29	0
55	MG	AA	4419	1/1	0.91	0.11	64,64,64,64	0
55	MG	DA	2087	1/1	0.91	0.09	64,64,64,64	0
55	MG	AA	4912	1/1	0.91	0.36	49,49,49,49	0
55	MG	AA	4365	1/1	0.91	0.05	39,39,39,39	0
55	MG	CA	3851	1/1	0.91	0.11	74,74,74,74	0
55	MG	CA	3852	1/1	0.91	0.09	30,30,30,30	0
55	MG	CA	3853	1/1	0.91	0.08	21,21,21,21	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3066	1/1	0.91	0.29	92,92,92,92	0
55	MG	CA	3502	1/1	0.91	0.46	75,75,75,75	0
55	MG	AA	4563	1/1	0.91	0.07	54,54,54,54	0
55	MG	CA	3506	1/1	0.91	0.07	25,25,25,25	0
55	MG	CA	3068	1/1	0.91	0.31	84,84,84,84	0
55	MG	AA	4682	1/1	0.91	0.26	71,71,71,71	0
55	MG	CA	3510	1/1	0.91	0.11	58,58,58,58	0
55	MG	BA	1860	1/1	0.91	0.09	73,73,73,73	0
55	MG	CA	4303	1/1	0.91	0.07	50,50,50,50	0
55	MG	AR	204	1/1	0.91	0.16	40,40,40,40	0
55	MG	CA	3073	1/1	0.91	0.30	94,94,94,94	0
55	MG	AA	4421	1/1	0.91	0.06	47,47,47,47	0
55	MG	DA	2110	1/1	0.91	0.08	84,84,84,84	0
55	MG	AA	4923	1/1	0.91	0.27	64,64,64,64	0
55	MG	AA	5266	1/1	0.91	0.23	64,64,64,64	0
55	MG	AA	4816	1/1	0.91	0.09	82,82,82,82	0
55	MG	BA	2023	1/1	0.91	0.06	45,45,45,45	0
55	MG	CA	3886	1/1	0.91	0.07	58,58,58,58	0
55	MG	CA	3887	1/1	0.91	0.09	48,48,48,48	0
55	MG	AX	104	1/1	0.91	0.17	65,65,65,65	0
55	MG	CA	4326	1/1	0.91	0.13	57,57,57,57	0
55	MG	AX	105	1/1	0.91	0.08	58,58,58,58	0
55	MG	DA	1754	1/1	0.91	0.11	69,69,69,69	0
55	MG	CA	4330	1/1	0.91	0.09	61,61,61,61	0
55	MG	CA	4331	1/1	0.91	0.08	51,51,51,51	0
55	MG	AA	5039	1/1	0.91	0.13	51,51,51,51	0
55	MG	DA	1759	1/1	0.91	0.08	71,71,71,71	0
55	MG	AA	4925	1/1	0.91	0.08	29,29,29,29	0
55	MG	DA	1762	1/1	0.91	0.11	79,79,79,79	0
55	MG	CA	3893	1/1	0.91	0.12	54,54,54,54	0
55	MG	AA	4058	1/1	0.91	0.19	76,76,76,76	0
55	MG	BA	2031	1/1	0.91	0.09	55,55,55,55	0
55	MG	CA	3897	1/1	0.91	0.14	86,86,86,86	0
55	MG	AA	4117	1/1	0.91	0.11	71,71,71,71	0
55	MG	CA	3901	1/1	0.91	0.10	58,58,58,58	0
55	MG	AA	4623	1/1	0.91	0.27	69,69,69,69	0
55	MG	BA	2034	1/1	0.91	0.07	47,47,47,47	0
55	MG	CA	3104	1/1	0.91	0.24	19,19,19,19	0
55	MG	BA	1601	1/1	0.91	0.06	78,78,78,78	0
55	MG	CA	3118	1/1	0.91	0.23	14,14,14,14	0
55	MG	CA	4351	1/1	0.91	0.05	59,59,59,59	0
55	MG	AA	4934	1/1	0.91	0.10	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3145	1/1	0.91	0.11	22,22,22,22	0
55	MG	DA	1785	1/1	0.91	0.05	76,76,76,76	0
55	MG	AA	4034	1/1	0.91	0.15	84,84,84,84	0
55	MG	CA	3558	1/1	0.91	0.05	50,50,50,50	0
55	MG	AA	4625	1/1	0.91	0.33	68,68,68,68	0
55	MG	AA	4692	1/1	0.91	0.07	57,57,57,57	0
55	MG	DA	2158	1/1	0.91	0.09	76,76,76,76	0
55	MG	AA	4472	1/1	0.91	0.10	57,57,57,57	0
55	MG	AA	4753	1/1	0.91	0.07	51,51,51,51	0
55	MG	CA	4360	1/1	0.91	0.09	52,52,52,52	0
55	MG	BA	1888	1/1	0.91	0.05	75,75,75,75	0
55	MG	DA	2167	1/1	0.91	0.15	41,41,41,41	0
55	MG	CA	3570	1/1	0.91	0.12	57,57,57,57	0
55	MG	AA	4520	1/1	0.91	0.06	67,67,67,67	0
55	MG	CA	3928	1/1	0.91	0.07	71,71,71,71	0
55	MG	BA	1739	1/1	0.91	0.31	73,73,73,73	0
55	MG	AA	4945	1/1	0.91	0.09	58,58,58,58	0
55	MG	AA	5060	1/1	0.91	0.11	54,54,54,54	0
55	MG	DA	2179	1/1	0.91	0.14	73,73,73,73	0
55	MG	CA	3197	1/1	0.91	0.10	28,28,28,28	0
55	MG	BA	1611	1/1	0.91	0.12	67,67,67,67	0
55	MG	AA	4697	1/1	0.91	0.20	82,82,82,82	0
55	MG	BA	1746	1/1	0.91	0.05	48,48,48,48	0
55	MG	DA	1810	1/1	0.91	0.06	67,67,67,67	0
55	MG	CA	3201	1/1	0.91	0.14	24,24,24,24	0
55	MG	DA	2190	1/1	0.91	0.09	59,59,59,59	0
55	MG	CA	4381	1/1	0.91	0.24	74,74,74,74	0
55	MG	CA	3588	1/1	0.91	0.13	57,57,57,57	0
55	MG	AA	4829	1/1	0.91	0.16	82,82,82,82	0
55	MG	BA	2058	1/1	0.91	0.11	63,63,63,63	0
55	MG	CA	3215	1/1	0.91	0.06	26,26,26,26	0
55	MG	CA	4388	1/1	0.91	0.18	59,59,59,59	0
55	MG	DA	2199	1/1	0.91	0.10	59,59,59,59	0
55	MG	DA	1819	1/1	0.91	0.07	101,101,101,101	0
55	MG	AA	5176	1/1	0.91	0.22	61,61,61,61	0
55	MG	CA	3951	1/1	0.91	0.24	94,94,94,94	0
55	MG	CA	4393	1/1	0.91	0.20	69,69,69,69	0
55	MG	AA	4433	1/1	0.91	0.06	63,63,63,63	0
55	MG	DD	302	1/1	0.91	0.09	48,48,48,48	0
55	MG	BA	2065	1/1	0.91	0.05	39,39,39,39	0
55	MG	DE	202	1/1	0.91	0.13	73,73,73,73	0
55	MG	DG	201	1/1	0.91	0.08	73,73,73,73	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	2066	1/1	0.91	0.15	58,58,58,58	0
55	MG	CA	3958	1/1	0.91	0.11	51,51,51,51	0
55	MG	AA	4523	1/1	0.91	0.14	66,66,66,66	0
55	MG	CA	4399	1/1	0.91	0.05	70,70,70,70	0
55	MG	CA	3240	1/1	0.91	0.10	33,33,33,33	0
55	MG	AA	4149	1/1	0.91	0.31	104,104,104,104	0
55	MG	DL	202	1/1	0.91	0.08	60,60,60,60	0
55	MG	CA	3966	1/1	0.91	0.21	49,49,49,49	0
55	MG	CA	3970	1/1	0.91	0.07	29,29,29,29	0
55	MG	AA	4638	1/1	0.91	0.15	139,139,139,139	0
55	MG	DA	1838	1/1	0.91	0.04	73,73,73,73	0
55	MG	AA	4526	1/1	0.91	0.15	49,49,49,49	0
55	MG	DA	1840	1/1	0.91	0.11	68,68,68,68	0
55	MG	AA	5187	1/1	0.91	0.06	69,69,69,69	0
55	MG	CA	3985	1/1	0.91	0.09	22,22,22,22	0
55	MG	CA	3986	1/1	0.91	0.11	38,38,38,38	0
55	MG	CA	3257	1/1	0.91	0.17	32,32,32,32	0
55	MG	AA	4345	1/1	0.91	0.15	59,59,59,59	0
55	MG	CB	210	1/1	0.91	0.07	81,81,81,81	0
55	MG	CA	3994	1/1	0.91	0.23	66,66,66,66	0
55	MG	CA	3996	1/1	0.91	0.19	49,49,49,49	0
55	MG	CA	3260	1/1	0.91	0.10	25,25,25,25	0
55	MG	AA	4247	1/1	0.91	0.06	33,33,33,33	0
55	MG	AA	4965	1/1	0.91	0.14	51,51,51,51	0
55	MG	CA	3267	1/1	0.91	0.12	56,56,56,56	0
55	MG	BA	1627	1/1	0.91	0.08	61,61,61,61	0
55	MG	CA	4012	1/1	0.91	0.12	40,40,40,40	0
55	MG	CA	4013	1/1	0.91	0.14	46,46,46,46	0
55	MG	AB	210	1/1	0.91	0.09	68,68,68,68	0
55	MG	BA	1767	1/1	0.91	0.18	39,39,39,39	0
55	MG	BA	1630	1/1	0.91	0.18	47,47,47,47	0
55	MG	CA	4026	1/1	0.91	0.17	66,66,66,66	0
55	MG	CA	2923	1/1	0.91	0.10	65,65,65,65	0
55	MG	AA	4966	1/1	0.91	0.18	58,58,58,58	0
55	MG	AA	5193	1/1	0.91	0.17	66,66,66,66	0
55	MG	CA	3282	1/1	0.91	0.07	25,25,25,25	0
55	MG	BA	1774	1/1	0.91	0.09	57,57,57,57	0
55	MG	DA	1869	1/1	0.91	0.05	59,59,59,59	0
55	MG	BA	1776	1/1	0.91	0.17	66,66,66,66	0
55	MG	DW	113	1/1	0.91	0.13	68,68,68,68	0
55	MG	CA	4043	1/1	0.91	0.12	47,47,47,47	0
55	MG	AA	5087	1/1	0.91	0.10	43,43,43,43	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1875	1/1	0.91	0.09	77,77,77,77	0
55	MG	AA	4586	1/1	0.91	0.11	84,84,84,84	0
55	MG	BA	1927	1/1	0.91	0.06	59,59,59,59	0
55	MG	BA	1636	1/1	0.91	0.10	56,56,56,56	0
55	MG	CB	248	1/1	0.91	0.08	63,63,63,63	0
55	MG	AA	5089	1/1	0.91	0.15	57,57,57,57	0
55	MG	AA	4843	1/1	0.91	0.10	51,51,51,51	0
55	MG	DA	1890	1/1	0.92	0.14	97,97,97,97	0
55	MG	CB	260	1/1	0.92	0.06	54,54,54,54	0
55	MG	AA	5194	1/1	0.92	0.20	70,70,70,70	0
55	MG	CA	4099	1/1	0.92	0.17	47,47,47,47	0
55	MG	BA	1812	1/1	0.92	0.27	78,78,78,78	0
55	MG	AA	5075	1/1	0.92	0.11	49,49,49,49	0
55	MG	AA	4439	1/1	0.92	0.32	66,66,66,66	0
55	MG	AA	5081	1/1	0.92	0.14	92,92,92,92	0
55	MG	DA	1901	1/1	0.92	0.22	68,68,68,68	0
55	MG	BA	2146	1/1	0.92	0.07	53,53,53,53	0
55	MG	BA	1817	1/1	0.92	0.06	77,77,77,77	0
55	MG	CA	3377	1/1	0.92	0.06	44,44,44,44	0
55	MG	AA	4956	1/1	0.92	0.10	55,55,55,55	0
55	MG	CA	4118	1/1	0.92	0.18	58,58,58,58	0
55	MG	DA	1907	1/1	0.92	0.10	71,71,71,71	0
55	MG	CA	3379	1/1	0.92	0.14	37,37,37,37	0
55	MG	BA	2149	1/1	0.92	0.04	70,70,70,70	0
55	MG	CA	4129	1/1	0.92	0.40	79,79,79,79	0
55	MG	CA	4130	1/1	0.92	0.09	49,49,49,49	0
55	MG	CA	3382	1/1	0.92	0.13	38,38,38,38	0
55	MG	CA	3383	1/1	0.92	0.11	38,38,38,38	0
55	MG	BA	1655	1/1	0.92	0.12	77,77,77,77	0
55	MG	AA	4687	1/1	0.92	0.07	58,58,58,58	0
55	MG	AA	4101	1/1	0.92	0.08	49,49,49,49	0
55	MG	CA	3395	1/1	0.92	0.18	39,39,39,39	0
55	MG	AA	4145	1/1	0.92	0.18	63,63,63,63	0
55	MG	CQ	201	1/1	0.92	0.17	33,33,33,33	0
55	MG	AA	4261	1/1	0.92	0.12	34,34,34,34	0
55	MG	AA	4385	1/1	0.92	0.06	54,54,54,54	0
55	MG	CR	202	1/1	0.92	0.48	66,66,66,66	0
55	MG	CA	4146	1/1	0.92	0.11	47,47,47,47	0
55	MG	CS	204	1/1	0.92	0.12	76,76,76,76	0
55	MG	CA	4147	1/1	0.92	0.13	64,64,64,64	0
55	MG	AA	4837	1/1	0.92	0.21	107,107,107,107	0
55	MG	CA	3030	1/1	0.92	0.14	61,61,61,61	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4151	1/1	0.92	0.14	57,57,57,57	0
55	MG	BA	1981	1/1	0.92	0.12	74,74,74,74	0
55	MG	CW	103	1/1	0.92	0.14	47,47,47,47	0
55	MG	CA	3034	1/1	0.92	0.09	43,43,43,43	0
55	MG	AA	4494	1/1	0.92	0.10	50,50,50,50	0
55	MG	CA	4156	1/1	0.92	0.31	68,68,68,68	0
55	MG	CA	4157	1/1	0.92	0.19	63,63,63,63	0
55	MG	DA	1940	1/1	0.92	0.06	94,94,94,94	0
55	MG	BA	2163	1/1	0.92	0.06	38,38,38,38	0
55	MG	C3	101	1/1	0.92	0.05	57,57,57,57	0
55	MG	CA	4160	1/1	0.92	0.04	67,67,67,67	0
55	MG	BA	1983	1/1	0.92	0.09	58,58,58,58	0
55	MG	CA	3751	1/1	0.92	0.29	50,50,50,50	0
55	MG	AA	4558	1/1	0.92	0.10	48,48,48,48	0
55	MG	CA	4169	1/1	0.92	0.09	46,46,46,46	0
55	MG	AA	4695	1/1	0.92	0.13	65,65,65,65	0
55	MG	BA	1987	1/1	0.92	0.13	47,47,47,47	0
55	MG	AA	4848	1/1	0.92	0.09	30,30,30,30	0
55	MG	AA	4496	1/1	0.92	0.34	95,95,95,95	0
55	MG	CA	3435	1/1	0.92	0.20	45,45,45,45	0
55	MG	DA	1954	1/1	0.92	0.11	53,53,53,53	0
55	MG	AA	4386	1/1	0.92	0.17	36,36,36,36	0
55	MG	CA	4180	1/1	0.92	0.14	63,63,63,63	0
55	MG	AA	4973	1/1	0.92	0.09	65,65,65,65	0
55	MG	AA	4107	1/1	0.92	0.10	61,61,61,61	0
55	MG	DA	1964	1/1	0.92	0.12	38,38,38,38	0
55	MG	DA	1965	1/1	0.92	0.05	39,39,39,39	0
55	MG	CA	3441	1/1	0.92	0.15	63,63,63,63	0
55	MG	AA	4499	1/1	0.92	0.12	74,74,74,74	0
55	MG	CA	3764	1/1	0.92	0.29	75,75,75,75	0
55	MG	AA	4264	1/1	0.92	0.19	32,32,32,32	0
55	MG	CA	4188	1/1	0.92	0.13	45,45,45,45	0
55	MG	AA	5225	1/1	0.92	0.04	56,56,56,56	0
55	MG	CA	3448	1/1	0.92	0.09	40,40,40,40	0
55	MG	AA	4298	1/1	0.92	0.33	47,47,47,47	0
55	MG	DA	1984	1/1	0.92	0.14	50,50,50,50	0
55	MG	CA	3055	1/1	0.92	0.06	59,59,59,59	0
55	MG	DA	1988	1/1	0.92	0.07	69,69,69,69	0
55	MG	DA	1989	1/1	0.92	0.09	85,85,85,85	0
55	MG	DA	1990	1/1	0.92	0.17	68,68,68,68	0
55	MG	CA	3775	1/1	0.92	0.17	66,66,66,66	0
55	MG	AA	4980	1/1	0.92	0.06	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1997	1/1	0.92	0.05	50,50,50,50	0
55	MG	DA	1624	1/1	0.92	0.15	127,127,127,127	0
55	MG	AA	5103	1/1	0.92	0.09	47,47,47,47	0
55	MG	AA	4396	1/1	0.92	0.21	66,66,66,66	0
55	MG	AA	4707	1/1	0.92	0.17	73,73,73,73	0
55	MG	CA	3795	1/1	0.92	0.11	51,51,51,51	0
55	MG	CA	3796	1/1	0.92	0.15	54,54,54,54	0
55	MG	AE	301	1/1	0.92	0.09	74,74,74,74	0
55	MG	DA	2007	1/1	0.92	0.06	75,75,75,75	0
55	MG	AA	5106	1/1	0.92	0.15	56,56,56,56	0
55	MG	AA	4267	1/1	0.92	0.20	50,50,50,50	0
55	MG	DA	2010	1/1	0.92	0.05	61,61,61,61	0
55	MG	BA	2008	1/1	0.92	0.14	45,45,45,45	0
55	MG	AA	4636	1/1	0.92	0.23	102,102,102,102	0
55	MG	BA	1850	1/1	0.92	0.05	48,48,48,48	0
55	MG	AA	4710	1/1	0.92	0.18	67,67,67,67	0
55	MG	CA	4221	1/1	0.92	0.20	69,69,69,69	0
55	MG	DA	2018	1/1	0.92	0.07	45,45,45,45	0
55	MG	AA	4993	1/1	0.92	0.20	59,59,59,59	0
55	MG	AA	4572	1/1	0.92	0.12	61,61,61,61	0
55	MG	CA	3071	1/1	0.92	0.17	66,66,66,66	0
55	MG	AA	5237	1/1	0.92	0.13	37,37,37,37	0
55	MG	AA	4226	1/1	0.92	0.09	25,25,25,25	0
55	MG	AL	201	1/1	0.92	0.23	61,61,61,61	0
55	MG	BV	110	1/1	0.92	0.11	71,71,71,71	0
55	MG	AA	4870	1/1	0.92	0.14	63,63,63,63	0
55	MG	BA	1702	1/1	0.92	0.21	52,52,52,52	0
55	MG	AA	4781	1/1	0.92	0.07	46,46,46,46	0
55	MG	AM	203	1/1	0.92	0.08	55,55,55,55	0
55	MG	CA	3082	1/1	0.92	0.18	113,113,113,113	0
55	MG	BA	1709	1/1	0.92	0.11	42,42,42,42	0
55	MG	BA	2027	1/1	0.92	0.05	63,63,63,63	0
55	MG	CA	3831	1/1	0.92	0.20	90,90,90,90	0
55	MG	AA	4783	1/1	0.92	0.07	70,70,70,70	0
55	MG	BA	1866	1/1	0.92	0.10	57,57,57,57	0
55	MG	AN	204	1/1	0.92	0.10	48,48,48,48	0
55	MG	DA	2043	1/1	0.92	0.20	70,70,70,70	0
55	MG	CA	3836	1/1	0.92	0.19	77,77,77,77	0
55	MG	CA	4252	1/1	0.92	0.17	66,66,66,66	0
55	MG	CA	3096	1/1	0.92	0.15	57,57,57,57	0
55	MG	DA	2047	1/1	0.92	0.09	52,52,52,52	0
55	MG	BA	1869	1/1	0.92	0.07	66,66,66,66	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3098	1/1	0.92	0.19	98,98,98,98	0
55	MG	AA	4785	1/1	0.92	0.07	68,68,68,68	0
55	MG	AA	5004	1/1	0.92	0.12	49,49,49,49	0
55	MG	CA	4262	1/1	0.92	0.18	55,55,55,55	0
55	MG	AA	4509	1/1	0.92	0.10	55,55,55,55	0
55	MG	AA	4881	1/1	0.92	0.14	45,45,45,45	0
55	MG	CA	3115	1/1	0.92	0.18	16,16,16,16	0
55	MG	DA	1679	1/1	0.92	0.13	41,41,41,41	0
55	MG	AR	203	1/1	0.92	0.08	19,19,19,19	0
55	MG	CA	3132	1/1	0.92	0.16	16,16,16,16	0
55	MG	CA	3134	1/1	0.92	0.08	14,14,14,14	0
55	MG	CA	3142	1/1	0.92	0.19	22,22,22,22	0
55	MG	AA	4402	1/1	0.92	0.07	48,48,48,48	0
55	MG	CA	4275	1/1	0.92	0.06	74,74,74,74	0
55	MG	CA	3520	1/1	0.92	0.28	57,57,57,57	0
55	MG	DA	1689	1/1	0.92	0.19	118,118,118,118	0
55	MG	AA	4459	1/1	0.92	0.12	58,58,58,58	0
55	MG	AA	5252	1/1	0.92	0.11	70,70,70,70	0
55	MG	CA	3153	1/1	0.92	0.20	27,27,27,27	0
55	MG	AA	4791	1/1	0.92	0.21	57,57,57,57	0
55	MG	CA	3870	1/1	0.92	0.10	51,51,51,51	0
55	MG	CA	3161	1/1	0.92	0.21	30,30,30,30	0
55	MG	CA	3874	1/1	0.92	0.12	60,60,60,60	0
55	MG	AV	202	1/1	0.92	0.05	56,56,56,56	0
55	MG	CA	3534	1/1	0.92	0.15	47,47,47,47	0
55	MG	BA	2045	1/1	0.92	0.10	56,56,56,56	0
55	MG	AA	4308	1/1	0.92	0.19	44,44,44,44	0
55	MG	DA	2086	1/1	0.92	0.05	57,57,57,57	0
55	MG	DA	1720	1/1	0.92	0.24	66,66,66,66	0
55	MG	CA	3171	1/1	0.92	0.09	30,30,30,30	0
55	MG	CA	3172	1/1	0.92	0.18	30,30,30,30	0
55	MG	AA	4793	1/1	0.92	0.07	62,62,62,62	0
55	MG	AA	5257	1/1	0.92	0.07	69,69,69,69	0
55	MG	BA	1732	1/1	0.92	0.07	42,42,42,42	0
55	MG	DA	1727	1/1	0.92	0.09	33,33,33,33	0
55	MG	BA	1735	1/1	0.92	0.09	47,47,47,47	0
55	MG	CA	4299	1/1	0.92	0.22	73,73,73,73	0
55	MG	CA	3549	1/1	0.92	0.07	36,36,36,36	0
55	MG	CA	3551	1/1	0.92	0.33	87,87,87,87	0
55	MG	CA	3191	1/1	0.92	0.14	36,36,36,36	0
55	MG	BA	2051	1/1	0.92	0.08	71,71,71,71	0
55	MG	CA	4305	1/1	0.92	0.15	46,46,46,46	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4030	1/1	0.92	0.07	62,62,62,62	0
55	MG	BA	2054	1/1	0.92	0.13	72,72,72,72	0
55	MG	DA	2107	1/1	0.92	0.04	49,49,49,49	0
55	MG	AA	5016	1/1	0.92	0.33	68,68,68,68	0
55	MG	CA	4315	1/1	0.92	0.04	58,58,58,58	0
55	MG	AA	4118	1/1	0.92	0.14	81,81,81,81	0
55	MG	DA	1747	1/1	0.92	0.11	56,56,56,56	0
55	MG	BA	1894	1/1	0.92	0.05	86,86,86,86	0
55	MG	CA	2902	1/1	0.92	0.16	65,65,65,65	0
55	MG	DA	1751	1/1	0.92	0.14	58,58,58,58	0
55	MG	AA	4648	1/1	0.92	0.05	70,70,70,70	0
55	MG	CA	3568	1/1	0.92	0.16	75,75,75,75	0
55	MG	CA	4322	1/1	0.92	0.14	66,66,66,66	0
55	MG	CA	3210	1/1	0.92	0.14	35,35,35,35	0
55	MG	A4	105	1/1	0.92	0.27	94,94,94,94	0
55	MG	DA	1757	1/1	0.92	0.14	73,73,73,73	0
55	MG	AA	4274	1/1	0.92	0.15	50,50,50,50	0
55	MG	AA	5265	1/1	0.92	0.08	68,68,68,68	0
55	MG	CA	2910	1/1	0.92	0.27	145,145,145,145	0
55	MG	CA	3224	1/1	0.92	0.18	36,36,36,36	0
55	MG	CA	3226	1/1	0.92	0.06	25,25,25,25	0
55	MG	DA	1765	1/1	0.92	0.07	50,50,50,50	0
55	MG	AA	5021	1/1	0.92	0.16	61,61,61,61	0
55	MG	DA	2131	1/1	0.92	0.07	56,56,56,56	0
55	MG	DA	2132	1/1	0.92	0.08	60,60,60,60	0
55	MG	BA	1747	1/1	0.92	0.09	56,56,56,56	0
55	MG	AA	4171	1/1	0.92	0.30	21,21,21,21	0
55	MG	AA	4139	1/1	0.92	0.14	61,61,61,61	0
55	MG	AA	4726	1/1	0.92	0.19	59,59,59,59	0
55	MG	AA	5026	1/1	0.92	0.12	40,40,40,40	0
55	MG	DA	1774	1/1	0.92	0.11	71,71,71,71	0
55	MG	AA	4805	1/1	0.92	0.11	61,61,61,61	0
55	MG	CA	3929	1/1	0.92	0.07	53,53,53,53	0
55	MG	CA	3249	1/1	0.92	0.26	40,40,40,40	0
55	MG	DA	1780	1/1	0.92	0.09	83,83,83,83	0
55	MG	BA	1754	1/1	0.92	0.19	68,68,68,68	0
55	MG	BA	1755	1/1	0.92	0.18	40,40,40,40	0
55	MG	DA	2147	1/1	0.92	0.06	40,40,40,40	0
55	MG	AA	4317	1/1	0.92	0.14	47,47,47,47	0
55	MG	AA	5276	1/1	0.92	0.07	41,41,41,41	0
55	MG	CA	3600	1/1	0.92	0.11	54,54,54,54	0
55	MG	CA	3603	1/1	0.92	0.10	57,57,57,57	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4358	1/1	0.92	0.19	46,46,46,46	0
55	MG	BA	1759	1/1	0.92	0.07	46,46,46,46	0
55	MG	DA	2156	1/1	0.92	0.39	97,97,97,97	0
55	MG	CA	3609	1/1	0.92	0.29	77,77,77,77	0
55	MG	BA	2082	1/1	0.92	0.06	54,54,54,54	0
55	MG	DA	2162	1/1	0.92	0.15	72,72,72,72	0
55	MG	CA	3614	1/1	0.92	0.10	84,84,84,84	0
55	MG	BA	1916	1/1	0.92	0.15	65,65,65,65	0
55	MG	AA	5278	1/1	0.92	0.12	56,56,56,56	0
55	MG	BA	2085	1/1	0.92	0.08	55,55,55,55	0
55	MG	DA	1797	1/1	0.92	0.12	82,82,82,82	0
55	MG	AA	4318	1/1	0.92	0.24	56,56,56,56	0
55	MG	DA	1799	1/1	0.92	0.09	80,80,80,80	0
55	MG	DA	2175	1/1	0.92	0.08	35,35,35,35	0
55	MG	CA	3621	1/1	0.92	0.15	87,87,87,87	0
55	MG	AA	4917	1/1	0.92	0.10	41,41,41,41	0
55	MG	AA	4809	1/1	0.92	0.14	65,65,65,65	0
55	MG	CA	3280	1/1	0.92	0.19	42,42,42,42	0
55	MG	AA	4072	1/1	0.92	0.10	57,57,57,57	0
55	MG	AA	4322	1/1	0.92	0.07	43,43,43,43	0
55	MG	CA	3967	1/1	0.92	0.07	39,39,39,39	0
55	MG	CA	3630	1/1	0.92	0.08	47,47,47,47	0
55	MG	AA	5161	1/1	0.92	0.09	48,48,48,48	0
55	MG	CA	4379	1/1	0.92	0.15	59,59,59,59	0
55	MG	AA	4595	1/1	0.92	0.23	62,62,62,62	0
55	MG	AA	4663	1/1	0.92	0.08	49,49,49,49	0
55	MG	BA	1621	1/1	0.92	0.10	67,67,67,67	0
55	MG	AA	4531	1/1	0.92	0.05	57,57,57,57	0
55	MG	CA	3989	1/1	0.92	0.11	14,14,14,14	0
55	MG	CA	3305	1/1	0.92	0.27	50,50,50,50	0
55	MG	AA	4737	1/1	0.92	0.27	71,71,71,71	0
55	MG	AA	4197	1/1	0.92	0.21	33,33,33,33	0
55	MG	CA	3645	1/1	0.92	0.08	58,58,58,58	0
55	MG	BA	1779	1/1	0.92	0.06	54,54,54,54	0
55	MG	BA	2104	1/1	0.92	0.08	62,62,62,62	0
55	MG	DA	2203	1/1	0.92	0.14	53,53,53,53	0
55	MG	AA	4600	1/1	0.92	0.12	64,64,64,64	0
55	MG	AA	4933	1/1	0.92	0.19	62,62,62,62	0
55	MG	CA	3652	1/1	0.92	0.09	51,51,51,51	0
55	MG	BA	1937	1/1	0.92	0.09	48,48,48,48	0
55	MG	AA	4475	1/1	0.92	0.13	53,53,53,53	0
55	MG	AA	4819	1/1	0.92	0.14	77,77,77,77	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	4018	1/1	0.92	0.17	56,56,56,56	0
55	MG	CA	4404	1/1	0.92	0.09	66,66,66,66	0
55	MG	DA	1835	1/1	0.92	0.06	85,85,85,85	0
55	MG	CA	4020	1/1	0.92	0.10	21,21,21,21	0
55	MG	AA	4476	1/1	0.92	0.29	61,61,61,61	0
55	MG	AB	203	1/1	0.92	0.07	65,65,65,65	0
55	MG	CA	3658	1/1	0.92	0.06	51,51,51,51	0
55	MG	CA	3329	1/1	0.92	0.05	21,21,21,21	0
55	MG	BA	2116	1/1	0.92	0.20	93,93,93,93	0
55	MG	DO	102	1/1	0.92	0.14	113,113,113,113	0
55	MG	CA	3332	1/1	0.92	0.16	45,45,45,45	0
55	MG	CB	208	1/1	0.92	0.05	59,59,59,59	0
55	MG	CA	3664	1/1	0.92	0.07	48,48,48,48	0
55	MG	AA	5175	1/1	0.92	0.09	62,62,62,62	0
55	MG	CA	3334	1/1	0.92	0.09	32,32,32,32	0
55	MG	AA	5055	1/1	0.92	0.10	48,48,48,48	0
55	MG	CB	213	1/1	0.92	0.08	65,65,65,65	0
55	MG	AA	4198	1/1	0.92	0.20	46,46,46,46	0
55	MG	CA	3674	1/1	0.92	0.12	48,48,48,48	0
55	MG	AA	4133	1/1	0.92	0.29	82,82,82,82	0
55	MG	DV	109	1/1	0.92	0.08	65,65,65,65	0
55	MG	BA	1946	1/1	0.92	0.06	69,69,69,69	0
55	MG	CB	226	1/1	0.92	0.09	40,40,40,40	0
55	MG	CA	3344	1/1	0.92	0.21	46,46,46,46	0
55	MG	AA	4430	1/1	0.92	0.20	59,59,59,59	0
55	MG	AA	5181	1/1	0.92	0.06	67,67,67,67	0
55	MG	CA	4058	1/1	0.92	0.17	48,48,48,48	0
55	MG	AA	4431	1/1	0.92	0.22	59,59,59,59	0
55	MG	AB	213	1/1	0.92	0.19	76,76,76,76	0
55	MG	BA	1952	1/1	0.92	0.10	22,22,22,22	0
55	MG	CA	4064	1/1	0.92	0.12	49,49,49,49	0
55	MG	CA	3690	1/1	0.92	0.34	89,89,89,89	0
55	MG	AA	4066	1/1	0.92	0.25	65,65,65,65	0
55	MG	AA	4209	1/1	0.92	0.12	47,47,47,47	0
55	MG	CA	3353	1/1	0.92	0.18	50,50,50,50	0
55	MG	AA	4950	1/1	0.92	0.08	51,51,51,51	0
55	MG	AA	5065	1/1	0.92	0.09	44,44,44,44	0
55	MG	CA	4077	1/1	0.92	0.12	47,47,47,47	0
55	MG	CA	3701	1/1	0.92	0.06	66,66,66,66	0
55	MG	BA	2136	1/1	0.92	0.12	62,62,62,62	0
55	MG	CA	4081	1/1	0.92	0.20	49,49,49,49	0
55	MG	BA	1804	1/1	0.92	0.15	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	5068	1/1	0.92	0.11	51,51,51,51	0
55	MG	CA	4086	1/1	0.92	0.10	43,43,43,43	0
55	MG	CA	4087	1/1	0.92	0.05	49,49,49,49	0
55	MG	AA	4248	1/1	0.92	0.11	39,39,39,39	0
55	MG	CA	4089	1/1	0.92	0.13	53,53,53,53	0
55	MG	CA	4092	1/1	0.92	0.12	53,53,53,53	0
55	MG	AA	4685	1/1	0.92	0.11	63,63,63,63	0
55	MG	CB	257	1/1	0.92	0.18	81,81,81,81	0
55	MG	CA	4095	1/1	0.92	0.13	51,51,51,51	0
55	MG	BA	2037	1/1	0.93	0.06	55,55,55,55	0
55	MG	BA	1901	1/1	0.93	0.38	48,48,48,48	0
55	MG	AA	5217	1/1	0.93	0.06	66,66,66,66	0
55	MG	CB	249	1/1	0.93	0.09	50,50,50,50	0
55	MG	CA	3384	1/1	0.93	0.15	49,49,49,49	0
55	MG	CA	3712	1/1	0.93	0.12	32,32,32,32	0
55	MG	AA	4095	1/1	0.93	0.09	57,57,57,57	0
55	MG	AA	4391	1/1	0.93	0.18	63,63,63,63	0
55	MG	AA	4649	1/1	0.93	0.19	58,58,58,58	0
55	MG	CA	3717	1/1	0.93	0.11	71,71,71,71	0
55	MG	BA	2044	1/1	0.93	0.12	56,56,56,56	0
55	MG	AA	4650	1/1	0.93	0.37	70,70,70,70	0
55	MG	CB	258	1/1	0.93	0.04	65,65,65,65	0
55	MG	AA	5017	1/1	0.93	0.10	72,72,72,72	0
55	MG	BA	1775	1/1	0.93	0.20	64,64,64,64	0
55	MG	CA	4098	1/1	0.93	0.14	76,76,76,76	0
55	MG	BA	1910	1/1	0.93	0.04	51,51,51,51	0
55	MG	CB	265	1/1	0.93	0.05	55,55,55,55	0
55	MG	CA	3726	1/1	0.93	0.19	160,160,160,160	0
55	MG	AA	4083	1/1	0.93	0.07	78,78,78,78	0
55	MG	AA	4394	1/1	0.93	0.07	47,47,47,47	0
55	MG	CA	3415	1/1	0.93	0.14	44,44,44,44	0
55	MG	AA	4278	1/1	0.93	0.18	44,44,44,44	0
55	MG	AA	4212	1/1	0.93	0.20	39,39,39,39	0
55	MG	AA	4930	1/1	0.93	0.09	39,39,39,39	0
55	MG	CF	304	1/1	0.93	0.31	55,55,55,55	0
55	MG	CA	4115	1/1	0.93	0.04	46,46,46,46	0
55	MG	AA	4598	1/1	0.93	0.32	104,104,104,104	0
55	MG	AA	5122	1/1	0.93	0.06	52,52,52,52	0
55	MG	CA	4120	1/1	0.93	0.09	42,42,42,42	0
55	MG	AA	4313	1/1	0.93	0.14	39,39,39,39	0
55	MG	CA	4123	1/1	0.93	0.12	43,43,43,43	0
55	MG	CA	3427	1/1	0.93	0.11	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4280	1/1	0.93	0.26	51,51,51,51	0
55	MG	CA	3432	1/1	0.93	0.10	32,32,32,32	0
55	MG	AA	4214	1/1	0.93	0.13	33,33,33,33	0
55	MG	AA	5128	1/1	0.93	0.06	50,50,50,50	0
55	MG	BA	2061	1/1	0.93	0.20	65,65,65,65	0
55	MG	DA	1930	1/1	0.93	0.10	95,95,95,95	0
55	MG	BA	2064	1/1	0.93	0.10	79,79,79,79	0
55	MG	CA	3437	1/1	0.93	0.14	62,62,62,62	0
55	MG	AA	4782	1/1	0.93	0.09	73,73,73,73	0
55	MG	CA	3078	1/1	0.93	0.18	72,72,72,72	0
55	MG	AA	4042	1/1	0.93	0.19	91,91,91,91	0
55	MG	AB	247	1/1	0.93	0.11	49,49,49,49	0
55	MG	CA	3444	1/1	0.93	0.11	48,48,48,48	0
55	MG	BA	1794	1/1	0.93	0.09	53,53,53,53	0
55	MG	CA	3083	1/1	0.93	0.07	57,57,57,57	0
55	MG	AB	248	1/1	0.93	0.14	50,50,50,50	0
55	MG	CA	3087	1/1	0.93	0.35	78,78,78,78	0
55	MG	AA	4847	1/1	0.93	0.22	37,37,37,37	0
55	MG	BA	2071	1/1	0.93	0.06	71,71,71,71	0
55	MG	CA	3453	1/1	0.93	0.12	49,49,49,49	0
55	MG	CA	3763	1/1	0.93	0.21	62,62,62,62	0
55	MG	BA	2072	1/1	0.93	0.08	64,64,64,64	0
55	MG	AA	4548	1/1	0.93	0.13	78,78,78,78	0
55	MG	CA	3456	1/1	0.93	0.13	51,51,51,51	0
55	MG	AD	302	1/1	0.93	0.18	79,79,79,79	0
55	MG	CA	3769	1/1	0.93	0.14	50,50,50,50	0
55	MG	C4	101	1/1	0.93	0.35	63,63,63,63	0
55	MG	AA	5035	1/1	0.93	0.11	65,65,65,65	0
55	MG	C4	103	1/1	0.93	0.18	74,74,74,74	0
55	MG	AA	4254	1/1	0.93	0.23	33,33,33,33	0
55	MG	DA	1957	1/1	0.93	0.13	43,43,43,43	0
55	MG	CA	4170	1/1	0.93	0.08	53,53,53,53	0
55	MG	CA	4172	1/1	0.93	0.12	43,43,43,43	0
55	MG	CA	3099	1/1	0.93	0.11	41,41,41,41	0
55	MG	AA	5135	1/1	0.93	0.21	75,75,75,75	0
55	MG	DA	1603	1/1	0.93	0.12	60,60,60,60	0
55	MG	AA	5136	1/1	0.93	0.13	62,62,62,62	0
55	MG	CA	3780	1/1	0.93	0.25	78,78,78,78	0
55	MG	AA	4852	1/1	0.93	0.14	28,28,28,28	0
55	MG	CA	3784	1/1	0.93	0.06	82,82,82,82	0
55	MG	DA	1974	1/1	0.93	0.15	62,62,62,62	0
55	MG	AA	4947	1/1	0.93	0.14	61,61,61,61	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3107	1/1	0.93	0.26	20,20,20,20	0
55	MG	CA	3110	1/1	0.93	0.23	15,15,15,15	0
55	MG	DA	1983	1/1	0.93	0.05	43,43,43,43	0
55	MG	AA	5139	1/1	0.93	0.16	66,66,66,66	0
55	MG	CA	2901	1/1	0.93	0.31	20,20,20,20	0
55	MG	CA	4185	1/1	0.93	0.11	53,53,53,53	0
55	MG	CA	3126	1/1	0.93	0.15	14,14,14,14	0
55	MG	AA	5251	1/1	0.93	0.09	55,55,55,55	0
55	MG	AA	4357	1/1	0.93	0.17	56,56,56,56	0
55	MG	CA	2905	1/1	0.93	0.23	89,89,89,89	0
55	MG	DA	1994	1/1	0.93	0.08	63,63,63,63	0
55	MG	DA	1996	1/1	0.93	0.09	51,51,51,51	0
55	MG	CA	3143	1/1	0.93	0.20	24,24,24,24	0
55	MG	CA	4191	1/1	0.93	0.05	55,55,55,55	0
55	MG	CA	3483	1/1	0.93	0.19	52,52,52,52	0
55	MG	CA	4194	1/1	0.93	0.10	78,78,78,78	0
55	MG	BA	1810	1/1	0.93	0.15	75,75,75,75	0
55	MG	CA	4198	1/1	0.93	0.20	93,93,93,93	0
55	MG	CA	3488	1/1	0.93	0.16	55,55,55,55	0
55	MG	DA	1627	1/1	0.93	0.13	89,89,89,89	0
55	MG	DA	2005	1/1	0.93	0.16	61,61,61,61	0
55	MG	CA	4200	1/1	0.93	0.04	55,55,55,55	0
55	MG	BA	1811	1/1	0.93	0.07	68,68,68,68	0
55	MG	AA	4610	1/1	0.93	0.06	74,74,74,74	0
55	MG	CA	3492	1/1	0.93	0.13	124,124,124,124	0
55	MG	BA	2088	1/1	0.93	0.20	55,55,55,55	0
55	MG	CA	3154	1/1	0.93	0.24	29,29,29,29	0
55	MG	AA	4552	1/1	0.93	0.18	71,71,71,71	0
55	MG	CA	3160	1/1	0.93	0.29	44,44,44,44	0
55	MG	CA	4214	1/1	0.93	0.12	63,63,63,63	0
55	MG	CA	3822	1/1	0.93	0.30	57,57,57,57	0
55	MG	AK	202	1/1	0.93	0.10	72,72,72,72	0
55	MG	AA	5043	1/1	0.93	0.05	79,79,79,79	0
55	MG	DA	2022	1/1	0.93	0.06	39,39,39,39	0
55	MG	CA	2915	1/1	0.93	0.10	64,64,64,64	0
55	MG	BA	2092	1/1	0.93	0.05	52,52,52,52	0
55	MG	AL	202	1/1	0.93	0.24	42,42,42,42	0
55	MG	CA	3832	1/1	0.93	0.35	52,52,52,52	0
55	MG	AA	4043	1/1	0.93	0.07	52,52,52,52	0
55	MG	AA	4359	1/1	0.93	0.18	50,50,50,50	0
55	MG	AA	5259	1/1	0.93	0.06	55,55,55,55	0
55	MG	CA	4226	1/1	0.93	0.06	50,50,50,50	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3509	1/1	0.93	0.08	49,49,49,49	0
55	MG	AA	5260	1/1	0.93	0.06	58,58,58,58	0
55	MG	CA	3185	1/1	0.93	0.15	16,16,16,16	0
55	MG	AA	5047	1/1	0.93	0.12	60,60,60,60	0
55	MG	AA	5048	1/1	0.93	0.24	69,69,69,69	0
55	MG	CA	2928	1/1	0.93	0.14	55,55,55,55	0
55	MG	BA	1961	1/1	0.93	0.16	51,51,51,51	0
55	MG	AA	4954	1/1	0.93	0.12	42,42,42,42	0
55	MG	CA	2933	1/1	0.93	0.11	50,50,50,50	0
55	MG	CA	4239	1/1	0.93	0.17	56,56,56,56	0
55	MG	AA	4360	1/1	0.93	0.13	48,48,48,48	0
55	MG	DA	1665	1/1	0.93	0.13	61,61,61,61	0
55	MG	AA	4288	1/1	0.93	0.15	35,35,35,35	0
55	MG	AA	4170	1/1	0.93	0.24	22,22,22,22	0
55	MG	CA	2937	1/1	0.93	0.12	86,86,86,86	0
55	MG	CA	4247	1/1	0.93	0.07	46,46,46,46	0
55	MG	BA	1689	1/1	0.93	0.19	19,19,19,19	0
55	MG	CA	3214	1/1	0.93	0.16	32,32,32,32	0
55	MG	DA	1672	1/1	0.93	0.19	62,62,62,62	0
55	MG	DA	2055	1/1	0.93	0.09	59,59,59,59	0
55	MG	BA	1690	1/1	0.93	0.18	38,38,38,38	0
55	MG	DA	1674	1/1	0.93	0.06	85,85,85,85	0
55	MG	CA	3862	1/1	0.93	0.09	44,44,44,44	0
55	MG	CA	4253	1/1	0.93	0.07	53,53,53,53	0
55	MG	CA	4254	1/1	0.93	0.12	61,61,61,61	0
55	MG	AA	4798	1/1	0.93	0.15	76,76,76,76	0
55	MG	AS	201	1/1	0.93	0.14	62,62,62,62	0
55	MG	AA	4800	1/1	0.93	0.39	121,121,121,121	0
55	MG	BA	2117	1/1	0.93	0.06	56,56,56,56	0
55	MG	BA	2118	1/1	0.93	0.10	64,64,64,64	0
55	MG	CA	3228	1/1	0.93	0.16	34,34,34,34	0
55	MG	CA	3875	1/1	0.93	0.08	56,56,56,56	0
55	MG	DA	1688	1/1	0.93	0.13	58,58,58,58	0
55	MG	AS	203	1/1	0.93	0.36	75,75,75,75	0
55	MG	CA	3547	1/1	0.93	0.06	32,32,32,32	0
55	MG	CA	4267	1/1	0.93	0.11	56,56,56,56	0
55	MG	DA	1697	1/1	0.93	0.22	57,57,57,57	0
55	MG	DA	1699	1/1	0.93	0.17	27,27,27,27	0
55	MG	DA	2079	1/1	0.93	0.21	57,57,57,57	0
55	MG	DA	2080	1/1	0.93	0.13	71,71,71,71	0
55	MG	DA	2081	1/1	0.93	0.28	68,68,68,68	0
55	MG	DA	1701	1/1	0.93	0.08	43,43,43,43	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1702	1/1	0.93	0.15	26,26,26,26	0
55	MG	CA	3878	1/1	0.93	0.09	67,67,67,67	0
55	MG	BA	2120	1/1	0.93	0.10	65,65,65,65	0
55	MG	CA	2948	1/1	0.93	0.08	85,85,85,85	0
55	MG	CA	3241	1/1	0.93	0.19	26,26,26,26	0
55	MG	CA	3554	1/1	0.93	0.15	62,62,62,62	0
55	MG	CA	3242	1/1	0.93	0.17	33,33,33,33	0
55	MG	AS	205	1/1	0.93	0.10	70,70,70,70	0
55	MG	AA	5158	1/1	0.93	0.09	50,50,50,50	0
55	MG	CA	4278	1/1	0.93	0.06	58,58,58,58	0
55	MG	BA	1704	1/1	0.93	0.09	41,41,41,41	0
55	MG	CA	2952	1/1	0.93	0.28	130,130,130,130	0
55	MG	CA	3890	1/1	0.93	0.13	56,56,56,56	0
55	MG	BA	2124	1/1	0.93	0.07	64,64,64,64	0
55	MG	CA	3564	1/1	0.93	0.26	70,70,70,70	0
55	MG	CA	3251	1/1	0.93	0.09	27,27,27,27	0
55	MG	CA	3252	1/1	0.93	0.09	61,61,61,61	0
55	MG	DA	2103	1/1	0.93	0.07	80,80,80,80	0
55	MG	CA	3254	1/1	0.93	0.13	46,46,46,46	0
55	MG	AA	4511	1/1	0.93	0.22	71,71,71,71	0
55	MG	BA	1706	1/1	0.93	0.09	35,35,35,35	0
55	MG	CA	3900	1/1	0.93	0.20	39,39,39,39	0
55	MG	BA	1708	1/1	0.93	0.05	36,36,36,36	0
55	MG	CA	2958	1/1	0.93	0.19	71,71,71,71	0
55	MG	CA	4295	1/1	0.93	0.10	42,42,42,42	0
55	MG	DA	1739	1/1	0.93	0.06	35,35,35,35	0
55	MG	CA	3573	1/1	0.93	0.47	51,51,51,51	0
55	MG	CA	2959	1/1	0.93	0.05	60,60,60,60	0
55	MG	AA	4964	1/1	0.93	0.11	40,40,40,40	0
55	MG	AA	4512	1/1	0.93	0.11	55,55,55,55	0
55	MG	AA	4260	1/1	0.93	0.17	35,35,35,35	0
55	MG	CA	3909	1/1	0.93	0.23	62,62,62,62	0
55	MG	CA	2966	1/1	0.93	0.22	75,75,75,75	0
55	MG	AA	4621	1/1	0.93	0.10	68,68,68,68	0
55	MG	AA	4875	1/1	0.93	0.07	57,57,57,57	0
55	MG	AA	4566	1/1	0.93	0.12	72,72,72,72	0
55	MG	BA	2134	1/1	0.93	0.21	63,63,63,63	0
55	MG	AA	5064	1/1	0.93	0.07	46,46,46,46	0
55	MG	A3	103	1/1	0.93	0.08	77,77,77,77	0
55	MG	CA	3918	1/1	0.93	0.07	58,58,58,58	0
55	MG	CA	3283	1/1	0.93	0.20	47,47,47,47	0
55	MG	AA	4086	1/1	0.93	0.25	57,57,57,57	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3923	1/1	0.93	0.17	63,63,63,63	0
55	MG	CA	3286	1/1	0.93	0.06	27,27,27,27	0
55	MG	CA	3287	1/1	0.93	0.14	36,36,36,36	0
55	MG	CA	4323	1/1	0.93	0.08	49,49,49,49	0
55	MG	DA	1764	1/1	0.93	0.19	71,71,71,71	0
55	MG	CA	3599	1/1	0.93	0.20	46,46,46,46	0
55	MG	AA	4515	1/1	0.93	0.06	62,62,62,62	0
55	MG	CA	3290	1/1	0.93	0.08	28,28,28,28	0
55	MG	BA	1721	1/1	0.93	0.11	46,46,46,46	0
55	MG	DA	1770	1/1	0.93	0.09	46,46,46,46	0
55	MG	CA	3607	1/1	0.93	0.12	47,47,47,47	0
55	MG	CA	3934	1/1	0.93	0.04	55,55,55,55	0
55	MG	CA	3293	1/1	0.93	0.22	45,45,45,45	0
55	MG	CA	3296	1/1	0.93	0.26	41,41,41,41	0
55	MG	CA	3937	1/1	0.93	0.09	52,52,52,52	0
55	MG	CA	3938	1/1	0.93	0.10	64,64,64,64	0
55	MG	CA	4338	1/1	0.93	0.15	96,96,96,96	0
55	MG	CA	3611	1/1	0.93	0.17	49,49,49,49	0
55	MG	CA	4341	1/1	0.93	0.11	51,51,51,51	0
55	MG	CA	3942	1/1	0.93	0.12	60,60,60,60	0
55	MG	BA	1991	1/1	0.93	0.18	62,62,62,62	0
55	MG	AA	5069	1/1	0.93	0.22	80,80,80,80	0
55	MG	CA	2986	1/1	0.93	0.06	51,51,51,51	0
55	MG	AA	4177	1/1	0.93	0.19	9,9,9,9	0
55	MG	DA	2161	1/1	0.93	0.07	61,61,61,61	0
55	MG	AA	4882	1/1	0.93	0.20	42,42,42,42	0
55	MG	CA	3307	1/1	0.93	0.24	46,46,46,46	0
55	MG	AA	4628	1/1	0.93	0.23	68,68,68,68	0
55	MG	DA	2165	1/1	0.93	0.12	61,61,61,61	0
55	MG	BA	1997	1/1	0.93	0.10	58,58,58,58	0
55	MG	DA	1791	1/1	0.93	0.09	65,65,65,65	0
55	MG	DA	1792	1/1	0.93	0.10	66,66,66,66	0
55	MG	CA	3953	1/1	0.93	0.21	36,36,36,36	0
55	MG	CA	3311	1/1	0.93	0.11	20,20,20,20	0
55	MG	DA	2173	1/1	0.93	0.06	72,72,72,72	0
55	MG	BA	1727	1/1	0.93	0.10	48,48,48,48	0
55	MG	CA	3957	1/1	0.93	0.10	55,55,55,55	0
55	MG	AA	5077	1/1	0.93	0.12	57,57,57,57	0
55	MG	CA	3959	1/1	0.93	0.05	37,37,37,37	0
55	MG	CA	3317	1/1	0.93	0.04	60,60,60,60	0
55	MG	CA	3319	1/1	0.93	0.05	25,25,25,25	0
55	MG	BA	1730	1/1	0.93	0.06	48,48,48,48	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3634	1/1	0.93	0.21	118,118,118,118	0
55	MG	AA	4884	1/1	0.93	0.07	47,47,47,47	0
55	MG	CA	3968	1/1	0.93	0.15	33,33,33,33	0
55	MG	DA	2185	1/1	0.93	0.07	62,62,62,62	0
55	MG	CA	3969	1/1	0.93	0.15	31,31,31,31	0
55	MG	DA	2189	1/1	0.93	0.07	58,58,58,58	0
55	MG	AA	4331	1/1	0.93	0.10	34,34,34,34	0
55	MG	CA	4367	1/1	0.93	0.09	46,46,46,46	0
55	MG	CA	3323	1/1	0.93	0.22	43,43,43,43	0
55	MG	CA	4371	1/1	0.93	0.35	76,76,76,76	0
55	MG	AA	4630	1/1	0.93	0.14	72,72,72,72	0
55	MG	CA	3981	1/1	0.93	0.14	35,35,35,35	0
55	MG	DA	2197	1/1	0.93	0.11	50,50,50,50	0
55	MG	CA	3325	1/1	0.93	0.22	54,54,54,54	0
55	MG	CA	3984	1/1	0.93	0.19	65,65,65,65	0
55	MG	BA	1868	1/1	0.93	0.09	55,55,55,55	0
55	MG	AA	4981	1/1	0.93	0.05	34,34,34,34	0
55	MG	CA	3644	1/1	0.93	0.19	83,83,83,83	0
55	MG	AA	4984	1/1	0.93	0.15	39,39,39,39	0
54	BLS	AA	4001	30/30	0.93	0.13	56,56,56,56	0
55	MG	BA	1741	1/1	0.93	0.10	56,56,56,56	0
55	MG	AA	4020	1/1	0.93	0.17	50,50,50,50	0
55	MG	AA	4988	1/1	0.93	0.09	52,52,52,52	0
55	MG	AA	4026	1/1	0.93	0.23	55,55,55,55	0
55	MG	CA	4390	1/1	0.93	0.06	54,54,54,54	0
55	MG	CA	4002	1/1	0.93	0.15	34,34,34,34	0
55	MG	CA	4003	1/1	0.93	0.13	56,56,56,56	0
55	MG	CA	3336	1/1	0.93	0.07	36,36,36,36	0
55	MG	AA	4432	1/1	0.93	0.12	56,56,56,56	0
55	MG	CA	3338	1/1	0.93	0.06	43,43,43,43	0
55	MG	CA	4011	1/1	0.93	0.10	30,30,30,30	0
55	MG	AA	4073	1/1	0.93	0.13	43,43,43,43	0
55	MG	BA	2167	1/1	0.93	0.07	52,52,52,52	0
55	MG	CA	3343	1/1	0.93	0.15	54,54,54,54	0
55	MG	CA	3016	1/1	0.93	0.17	48,48,48,48	0
55	MG	CA	4019	1/1	0.93	0.15	43,43,43,43	0
55	MG	BA	2016	1/1	0.93	0.07	47,47,47,47	0
55	MG	CA	3019	1/1	0.93	0.30	130,130,130,130	0
55	MG	CA	3020	1/1	0.93	0.20	139,139,139,139	0
55	MG	DA	1844	1/1	0.93	0.09	164,164,164,164	0
55	MG	BA	2017	1/1	0.93	0.05	48,48,48,48	0
55	MG	CA	3669	1/1	0.93	0.33	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4299	1/1	0.93	0.21	45,45,45,45	0
55	MG	CA	4029	1/1	0.93	0.03	58,58,58,58	0
55	MG	AA	4340	1/1	0.93	0.13	37,37,37,37	0
55	MG	AA	5093	1/1	0.93	0.07	48,48,48,48	0
55	MG	DV	110	1/1	0.93	0.05	55,55,55,55	0
55	MG	AA	4238	1/1	0.93	0.15	42,42,42,42	0
55	MG	CA	3675	1/1	0.93	0.06	72,72,72,72	0
55	MG	CA	4041	1/1	0.93	0.10	61,61,61,61	0
55	MG	AA	4900	1/1	0.93	0.14	47,47,47,47	0
55	MG	BC	303	1/1	0.93	0.05	49,49,49,49	0
55	MG	CA	3679	1/1	0.93	0.28	90,90,90,90	0
55	MG	AA	4029	1/1	0.93	0.23	77,77,77,77	0
55	MG	DA	1859	1/1	0.93	0.07	91,91,91,91	0
55	MG	CB	219	1/1	0.93	0.10	52,52,52,52	0
55	MG	AA	4442	1/1	0.93	0.23	55,55,55,55	0
55	MG	DW	101	1/1	0.93	0.06	70,70,70,70	0
55	MG	AA	4909	1/1	0.93	0.05	57,57,57,57	0
55	MG	AA	4765	1/1	0.93	0.24	59,59,59,59	0
55	MG	CA	4053	1/1	0.93	0.14	45,45,45,45	0
55	MG	AA	4534	1/1	0.93	0.14	63,63,63,63	0
55	MG	CA	4056	1/1	0.93	0.06	61,61,61,61	0
55	MG	BG	202	1/1	0.93	0.11	61,61,61,61	0
55	MG	AA	4913	1/1	0.93	0.07	36,36,36,36	0
55	MG	AA	4915	1/1	0.93	0.09	64,64,64,64	0
55	MG	CB	234	1/1	0.93	0.11	74,74,74,74	0
55	MG	AA	4824	1/1	0.93	0.06	51,51,51,51	0
55	MG	DA	1874	1/1	0.93	0.10	92,92,92,92	0
55	MG	CA	3697	1/1	0.93	0.20	71,71,71,71	0
55	MG	BA	1897	1/1	0.93	0.04	53,53,53,53	0
55	MG	AA	4307	1/1	0.93	0.16	34,34,34,34	0
55	MG	CA	4068	1/1	0.93	0.12	66,66,66,66	0
55	MG	CA	3375	1/1	0.93	0.09	59,59,59,59	0
55	MG	CA	3044	1/1	0.93	0.14	43,43,43,43	0
55	MG	AA	5012	1/1	0.93	0.11	59,59,59,59	0
55	MG	CA	3049	1/1	0.93	0.35	62,62,62,62	0
55	MG	AA	5107	1/1	0.93	0.07	38,38,38,38	0
55	MG	AA	4574	1/1	0.94	0.15	71,71,71,71	0
55	MG	CA	3516	1/1	0.94	0.06	46,46,46,46	0
55	MG	CA	3517	1/1	0.94	0.23	71,71,71,71	0
55	MG	AA	4728	1/1	0.94	0.11	60,60,60,60	0
55	MG	CW	101	1/1	0.94	0.22	107,107,107,107	0
55	MG	CA	3236	1/1	0.94	0.14	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3237	1/1	0.94	0.15	31,31,31,31	0
55	MG	CA	3238	1/1	0.94	0.18	29,29,29,29	0
55	MG	AA	4245	1/1	0.94	0.14	26,26,26,26	0
55	MG	CA	2965	1/1	0.94	0.37	74,74,74,74	0
55	MG	AA	4901	1/1	0.94	0.04	42,42,42,42	0
55	MG	CA	3838	1/1	0.94	0.19	131,131,131,131	0
55	MG	AA	4902	1/1	0.94	0.07	35,35,35,35	0
55	MG	CA	3244	1/1	0.94	0.38	47,47,47,47	0
55	MG	AA	4903	1/1	0.94	0.07	48,48,48,48	0
55	MG	CA	3535	1/1	0.94	0.09	53,53,53,53	0
55	MG	CA	3845	1/1	0.94	0.28	81,81,81,81	0
55	MG	AA	4904	1/1	0.94	0.07	49,49,49,49	0
55	MG	CA	4196	1/1	0.94	0.06	37,37,37,37	0
55	MG	CA	3847	1/1	0.94	0.07	71,71,71,71	0
55	MG	BA	1985	1/1	0.94	0.09	44,44,44,44	0
55	MG	CA	3248	1/1	0.94	0.07	40,40,40,40	0
55	MG	AA	4116	1/1	0.94	0.08	53,53,53,53	0
55	MG	CA	4203	1/1	0.94	0.08	32,32,32,32	0
55	MG	CA	2975	1/1	0.94	0.21	59,59,59,59	0
55	MG	BA	1697	1/1	0.94	0.14	40,40,40,40	0
55	MG	CA	3855	1/1	0.94	0.08	42,42,42,42	0
55	MG	AA	4127	1/1	0.94	0.19	72,72,72,72	0
55	MG	CA	3545	1/1	0.94	0.20	75,75,75,75	0
55	MG	CA	3858	1/1	0.94	0.11	53,53,53,53	0
55	MG	DA	1613	1/1	0.94	0.10	60,60,60,60	0
55	MG	CA	2979	1/1	0.94	0.11	74,74,74,74	0
55	MG	CA	3860	1/1	0.94	0.07	46,46,46,46	0
55	MG	AA	4907	1/1	0.94	0.18	42,42,42,42	0
55	MG	CA	2981	1/1	0.94	0.10	48,48,48,48	0
55	MG	CA	3550	1/1	0.94	0.13	41,41,41,41	0
55	MG	AA	4579	1/1	0.94	0.18	45,45,45,45	0
55	MG	CA	3865	1/1	0.94	0.16	55,55,55,55	0
55	MG	CA	3262	1/1	0.94	0.09	44,44,44,44	0
55	MG	CA	3869	1/1	0.94	0.08	43,43,43,43	0
55	MG	CA	3264	1/1	0.94	0.09	34,34,34,34	0
55	MG	AA	4580	1/1	0.94	0.19	90,90,90,90	0
55	MG	CA	2984	1/1	0.94	0.28	103,103,103,103	0
55	MG	AA	4911	1/1	0.94	0.09	45,45,45,45	0
55	MG	DA	1968	1/1	0.94	0.09	56,56,56,56	0
55	MG	AR	201	1/1	0.94	0.20	61,61,61,61	0
55	MG	AA	4289	1/1	0.94	0.17	52,52,52,52	0
55	MG	CA	3561	1/1	0.94	0.17	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3880	1/1	0.94	0.22	46,46,46,46	0
55	MG	CA	3272	1/1	0.94	0.19	36,36,36,36	0
55	MG	CA	3273	1/1	0.94	0.14	43,43,43,43	0
55	MG	DA	1976	1/1	0.94	0.05	47,47,47,47	0
55	MG	AA	4337	1/1	0.94	0.09	24,24,24,24	0
55	MG	DA	1979	1/1	0.94	0.22	48,48,48,48	0
55	MG	DA	1980	1/1	0.94	0.16	49,49,49,49	0
55	MG	BA	1710	1/1	0.94	0.14	43,43,43,43	0
55	MG	DA	1982	1/1	0.94	0.27	61,61,61,61	0
55	MG	AA	4914	1/1	0.94	0.09	43,43,43,43	0
55	MG	AA	4204	1/1	0.94	0.21	17,17,17,17	0
55	MG	DA	1640	1/1	0.94	0.07	91,91,91,91	0
55	MG	DA	1641	1/1	0.94	0.22	86,86,86,86	0
55	MG	AA	4252	1/1	0.94	0.07	37,37,37,37	0
55	MG	CA	4242	1/1	0.94	0.12	47,47,47,47	0
55	MG	CA	2995	1/1	0.94	0.09	68,68,68,68	0
55	MG	AA	4253	1/1	0.94	0.15	28,28,28,28	0
55	MG	CA	2997	1/1	0.94	0.07	69,69,69,69	0
55	MG	BA	1857	1/1	0.94	0.06	72,72,72,72	0
55	MG	BA	2153	1/1	0.94	0.11	38,38,38,38	0
55	MG	AA	4918	1/1	0.94	0.13	54,54,54,54	0
55	MG	BA	2155	1/1	0.94	0.09	40,40,40,40	0
55	MG	DA	1651	1/1	0.94	0.07	69,69,69,69	0
55	MG	BA	1859	1/1	0.94	0.17	53,53,53,53	0
55	MG	AA	4207	1/1	0.94	0.11	25,25,25,25	0
55	MG	CA	3294	1/1	0.94	0.07	31,31,31,31	0
55	MG	CA	3587	1/1	0.94	0.13	44,44,44,44	0
55	MG	CA	4257	1/1	0.94	0.12	74,74,74,74	0
55	MG	AA	4661	1/1	0.94	0.19	97,97,97,97	0
55	MG	BA	2159	1/1	0.94	0.07	63,63,63,63	0
55	MG	AA	5031	1/1	0.94	0.10	62,62,62,62	0
55	MG	AA	4921	1/1	0.94	0.19	74,74,74,74	0
55	MG	CA	3905	1/1	0.94	0.10	64,64,64,64	0
55	MG	CA	3594	1/1	0.94	0.06	55,55,55,55	0
55	MG	CA	3303	1/1	0.94	0.12	28,28,28,28	0
55	MG	DA	2015	1/1	0.94	0.05	50,50,50,50	0
55	MG	AX	103	1/1	0.94	0.15	62,62,62,62	0
55	MG	AA	4255	1/1	0.94	0.11	23,23,23,23	0
55	MG	AA	4256	1/1	0.94	0.18	59,59,59,59	0
55	MG	AA	4403	1/1	0.94	0.12	55,55,55,55	0
55	MG	AA	4464	1/1	0.94	0.29	69,69,69,69	0
55	MG	CA	3601	1/1	0.94	0.26	58,58,58,58	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	2015	1/1	0.94	0.06	53,53,53,53	0
55	MG	AA	4004	1/1	0.94	0.30	52,52,52,52	0
55	MG	CA	3605	1/1	0.94	0.12	66,66,66,66	0
55	MG	CA	3606	1/1	0.94	0.15	55,55,55,55	0
55	MG	CA	3314	1/1	0.94	0.04	26,26,26,26	0
55	MG	AA	5274	1/1	0.94	0.05	66,66,66,66	0
55	MG	BA	1729	1/1	0.94	0.16	53,53,53,53	0
55	MG	CA	3924	1/1	0.94	0.07	44,44,44,44	0
55	MG	DA	2034	1/1	0.94	0.05	43,43,43,43	0
55	MG	CA	3610	1/1	0.94	0.23	67,67,67,67	0
55	MG	CA	3023	1/1	0.94	0.12	64,64,64,64	0
55	MG	AA	4927	1/1	0.94	0.06	50,50,50,50	0
55	MG	A4	104	1/1	0.94	0.24	99,99,99,99	0
55	MG	AA	4258	1/1	0.94	0.15	42,42,42,42	0
55	MG	BA	1876	1/1	0.94	0.06	91,91,91,91	0
55	MG	BA	2024	1/1	0.94	0.08	68,68,68,68	0
55	MG	BA	1877	1/1	0.94	0.09	84,84,84,84	0
55	MG	CA	4293	1/1	0.94	0.22	60,60,60,60	0
55	MG	CA	3031	1/1	0.94	0.16	62,62,62,62	0
55	MG	CA	3327	1/1	0.94	0.09	36,36,36,36	0
55	MG	BA	1734	1/1	0.94	0.07	56,56,56,56	0
55	MG	AA	4670	1/1	0.94	0.10	66,66,66,66	0
55	MG	AA	5156	1/1	0.94	0.06	52,52,52,52	0
55	MG	AA	4525	1/1	0.94	0.07	43,43,43,43	0
55	MG	AA	4406	1/1	0.94	0.11	28,28,28,28	0
55	MG	AA	4830	1/1	0.94	0.12	65,65,65,65	0
55	MG	AA	5282	1/1	0.94	0.11	87,87,87,87	0
55	MG	DA	1707	1/1	0.94	0.18	41,41,41,41	0
55	MG	BA	1886	1/1	0.94	0.07	63,63,63,63	0
55	MG	DA	1709	1/1	0.94	0.07	36,36,36,36	0
55	MG	DA	2057	1/1	0.94	0.05	49,49,49,49	0
55	MG	AA	5283	1/1	0.94	0.15	87,87,87,87	0
55	MG	CA	4306	1/1	0.94	0.10	53,53,53,53	0
55	MG	AA	5285	1/1	0.94	0.06	55,55,55,55	0
55	MG	AA	4063	1/1	0.94	0.14	80,80,80,80	0
55	MG	CA	4313	1/1	0.94	0.09	41,41,41,41	0
55	MG	CA	3340	1/1	0.94	0.14	33,33,33,33	0
55	MG	AA	4936	1/1	0.94	0.05	46,46,46,46	0
55	MG	AA	5164	1/1	0.94	0.06	125,125,125,125	0
55	MG	BA	2039	1/1	0.94	0.05	62,62,62,62	0
55	MG	AA	4141	1/1	0.94	0.15	65,65,65,65	0
55	MG	AA	5290	1/1	0.94	0.06	69,69,69,69	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4680	1/1	0.94	0.10	68,68,68,68	0
55	MG	CA	3649	1/1	0.94	0.15	54,54,54,54	0
55	MG	AA	4759	1/1	0.94	0.10	55,55,55,55	0
55	MG	CA	4324	1/1	0.94	0.18	79,79,79,79	0
55	MG	BV	109	1/1	0.94	0.11	88,88,88,88	0
55	MG	AA	4532	1/1	0.94	0.15	46,46,46,46	0
55	MG	DA	2078	1/1	0.94	0.08	63,63,63,63	0
55	MG	AA	5170	1/1	0.94	0.17	71,71,71,71	0
55	MG	AA	4304	1/1	0.94	0.17	38,38,38,38	0
55	MG	DA	1738	1/1	0.94	0.23	40,40,40,40	0
55	MG	AA	4411	1/1	0.94	0.13	63,63,63,63	0
55	MG	AA	4946	1/1	0.94	0.17	49,49,49,49	0
55	MG	AA	4100	1/1	0.94	0.08	58,58,58,58	0
55	MG	AA	4840	1/1	0.94	0.07	52,52,52,52	0
55	MG	CA	3973	1/1	0.94	0.05	23,23,23,23	0
55	MG	CA	3977	1/1	0.94	0.10	26,26,26,26	0
55	MG	BA	1623	1/1	0.94	0.05	47,47,47,47	0
55	MG	AA	4064	1/1	0.94	0.27	66,66,66,66	0
55	MG	DA	1749	1/1	0.94	0.15	39,39,39,39	0
55	MG	CA	3983	1/1	0.94	0.07	18,18,18,18	0
55	MG	BV	119	1/1	0.94	0.22	142,142,142,142	0
55	MG	BV	120	1/1	0.94	0.06	50,50,50,50	0
55	MG	BA	2053	1/1	0.94	0.06	64,64,64,64	0
55	MG	AA	5177	1/1	0.94	0.16	63,63,63,63	0
55	MG	DA	2097	1/1	0.94	0.07	61,61,61,61	0
55	MG	BA	1763	1/1	0.94	0.14	54,54,54,54	0
55	MG	CA	3992	1/1	0.94	0.12	26,26,26,26	0
55	MG	DA	2100	1/1	0.94	0.10	48,48,48,48	0
55	MG	AA	4608	1/1	0.94	0.05	81,81,81,81	0
55	MG	AA	4846	1/1	0.94	0.11	13,13,13,13	0
55	MG	CA	3673	1/1	0.94	0.23	81,81,81,81	0
55	MG	BV	127	1/1	0.94	0.05	53,53,53,53	0
55	MG	AA	4417	1/1	0.94	0.08	55,55,55,55	0
55	MG	AA	4111	1/1	0.94	0.14	81,81,81,81	0
55	MG	BA	1769	1/1	0.94	0.11	50,50,50,50	0
55	MG	CA	4004	1/1	0.94	0.29	48,48,48,48	0
55	MG	AA	4173	1/1	0.94	0.23	34,34,34,34	0
55	MG	CA	3380	1/1	0.94	0.16	56,56,56,56	0
55	MG	CA	4009	1/1	0.94	0.08	34,34,34,34	0
55	MG	DA	2112	1/1	0.94	0.07	55,55,55,55	0
55	MG	DA	1769	1/1	0.94	0.10	57,57,57,57	0
55	MG	CA	3681	1/1	0.94	0.13	58,58,58,58	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	BA	2062	1/1	0.94	0.09	79,79,79,79	0
55	MG	BA	2063	1/1	0.94	0.09	37,37,37,37	0
55	MG	CA	3080	1/1	0.94	0.06	65,65,65,65	0
55	MG	CA	4014	1/1	0.94	0.10	37,37,37,37	0
55	MG	AA	4268	1/1	0.94	0.11	25,25,25,25	0
55	MG	CA	4017	1/1	0.94	0.08	48,48,48,48	0
55	MG	CA	3385	1/1	0.94	0.38	69,69,69,69	0
55	MG	CA	3387	1/1	0.94	0.09	29,29,29,29	0
55	MG	AA	5186	1/1	0.94	0.13	69,69,69,69	0
55	MG	CA	3389	1/1	0.94	0.14	46,46,46,46	0
55	MG	AA	4480	1/1	0.94	0.18	48,48,48,48	0
55	MG	DA	2126	1/1	0.94	0.15	59,59,59,59	0
55	MG	CA	3392	1/1	0.94	0.04	25,25,25,25	0
55	MG	BA	1918	1/1	0.94	0.05	65,65,65,65	0
55	MG	CA	3085	1/1	0.94	0.14	81,81,81,81	0
55	MG	CA	4380	1/1	0.94	0.24	63,63,63,63	0
55	MG	CA	3086	1/1	0.94	0.17	57,57,57,57	0
55	MG	CA	4382	1/1	0.94	0.10	65,65,65,65	0
55	MG	CA	3703	1/1	0.94	0.24	57,57,57,57	0
55	MG	CA	4384	1/1	0.94	0.11	65,65,65,65	0
55	MG	BA	1635	1/1	0.94	0.10	63,63,63,63	0
55	MG	AA	4542	1/1	0.94	0.14	63,63,63,63	0
55	MG	AA	4960	1/1	0.94	0.05	55,55,55,55	0
55	MG	AA	5074	1/1	0.94	0.10	58,58,58,58	0
55	MG	AA	4044	1/1	0.94	0.10	66,66,66,66	0
55	MG	CA	4044	1/1	0.94	0.08	25,25,25,25	0
55	MG	AA	4962	1/1	0.94	0.10	49,49,49,49	0
55	MG	CA	3416	1/1	0.94	0.12	54,54,54,54	0
55	MG	AA	4183	1/1	0.94	0.18	13,13,13,13	0
55	MG	AA	4271	1/1	0.94	0.08	28,28,28,28	0
55	MG	AA	4859	1/1	0.94	0.26	48,48,48,48	0
55	MG	AA	4427	1/1	0.94	0.07	68,68,68,68	0
55	MG	CA	4052	1/1	0.94	0.32	60,60,60,60	0
55	MG	AA	4272	1/1	0.94	0.35	46,46,46,46	0
55	MG	CA	3103	1/1	0.94	0.33	18,18,18,18	0
55	MG	AA	4862	1/1	0.94	0.04	30,30,30,30	0
55	MG	BA	2080	1/1	0.94	0.11	56,56,56,56	0
55	MG	CA	3431	1/1	0.94	0.06	40,40,40,40	0
55	MG	BA	1790	1/1	0.94	0.08	109,109,109,109	0
55	MG	CA	4062	1/1	0.94	0.07	50,50,50,50	0
55	MG	CA	3109	1/1	0.94	0.23	11,11,11,11	0
55	MG	AB	226	1/1	0.94	0.03	59,59,59,59	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3114	1/1	0.94	0.16	17,17,17,17	0
55	MG	CA	2908	1/1	0.94	0.19	74,74,74,74	0
55	MG	CA	3116	1/1	0.94	0.09	14,14,14,14	0
55	MG	DA	1820	1/1	0.94	0.14	102,102,102,102	0
55	MG	DA	2169	1/1	0.94	0.11	54,54,54,54	0
55	MG	CA	4069	1/1	0.94	0.15	41,41,41,41	0
55	MG	CA	3438	1/1	0.94	0.10	54,54,54,54	0
55	MG	BA	1935	1/1	0.94	0.12	73,73,73,73	0
55	MG	CA	3735	1/1	0.94	0.05	64,64,64,64	0
55	MG	DA	2174	1/1	0.94	0.09	65,65,65,65	0
55	MG	CA	3120	1/1	0.94	0.11	11,11,11,11	0
55	MG	DA	1827	1/1	0.94	0.05	98,98,98,98	0
55	MG	CA	3122	1/1	0.94	0.16	11,11,11,11	0
55	MG	AA	4316	1/1	0.94	0.08	31,31,31,31	0
55	MG	CA	3443	1/1	0.94	0.32	55,55,55,55	0
55	MG	CA	3128	1/1	0.94	0.14	8,8,8,8	0
55	MG	CB	221	1/1	0.94	0.13	53,53,53,53	0
55	MG	AA	4185	1/1	0.94	0.14	16,16,16,16	0
55	MG	CA	3446	1/1	0.94	0.19	53,53,53,53	0
55	MG	BA	1795	1/1	0.94	0.12	75,75,75,75	0
55	MG	CA	3135	1/1	0.94	0.09	17,17,17,17	0
55	MG	CA	3137	1/1	0.94	0.21	16,16,16,16	0
55	MG	DA	2187	1/1	0.94	0.11	55,55,55,55	0
55	MG	AA	4490	1/1	0.94	0.20	64,64,64,64	0
55	MG	CA	4091	1/1	0.94	0.17	48,48,48,48	0
55	MG	AA	4867	1/1	0.94	0.21	44,44,44,44	0
55	MG	CB	232	1/1	0.94	0.06	54,54,54,54	0
55	MG	AA	4704	1/1	0.94	0.21	78,78,78,78	0
55	MG	AA	4705	1/1	0.94	0.28	109,109,109,109	0
55	MG	AA	4976	1/1	0.94	0.09	78,78,78,78	0
55	MG	AA	4187	1/1	0.94	0.19	30,30,30,30	0
55	MG	AA	4366	1/1	0.94	0.22	57,57,57,57	0
55	MG	AA	4626	1/1	0.94	0.07	55,55,55,55	0
55	MG	AA	4113	1/1	0.94	0.12	84,84,84,84	0
55	MG	AA	5097	1/1	0.94	0.09	37,37,37,37	0
55	MG	CA	4104	1/1	0.94	0.06	42,42,42,42	0
55	MG	AA	4495	1/1	0.94	0.20	53,53,53,53	0
55	MG	DA	1852	1/1	0.94	0.11	73,73,73,73	0
55	MG	CB	243	1/1	0.94	0.12	34,34,34,34	0
55	MG	AA	4560	1/1	0.94	0.15	64,64,64,64	0
55	MG	AA	4371	1/1	0.94	0.23	44,44,44,44	0
55	MG	CA	4108	1/1	0.94	0.19	57,57,57,57	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3169	1/1	0.94	0.22	21,21,21,21	0
55	MG	BA	2101	1/1	0.94	0.07	59,59,59,59	0
55	MG	CA	4116	1/1	0.94	0.05	56,56,56,56	0
55	MG	AA	4037	1/1	0.94	0.10	62,62,62,62	0
55	MG	BA	2103	1/1	0.94	0.12	38,38,38,38	0
55	MG	AA	5223	1/1	0.94	0.15	70,70,70,70	0
55	MG	DK	201	1/1	0.94	0.06	49,49,49,49	0
55	MG	BA	1666	1/1	0.94	0.19	45,45,45,45	0
55	MG	CA	3770	1/1	0.94	0.05	62,62,62,62	0
55	MG	CA	3181	1/1	0.94	0.15	39,39,39,39	0
55	MG	CA	4128	1/1	0.94	0.19	64,64,64,64	0
55	MG	CA	3182	1/1	0.94	0.12	33,33,33,33	0
55	MG	BA	1958	1/1	0.94	0.16	45,45,45,45	0
55	MG	CA	3186	1/1	0.94	0.05	29,29,29,29	0
55	MG	DA	1871	1/1	0.94	0.09	69,69,69,69	0
55	MG	BA	1959	1/1	0.94	0.09	49,49,49,49	0
55	MG	CA	3779	1/1	0.94	0.10	53,53,53,53	0
55	MG	AA	4440	1/1	0.94	0.07	60,60,60,60	0
55	MG	CA	3782	1/1	0.94	0.18	76,76,76,76	0
55	MG	CD	304	1/1	0.94	0.11	55,55,55,55	0
55	MG	AA	4564	1/1	0.94	0.06	66,66,66,66	0
55	MG	BA	2113	1/1	0.94	0.09	58,58,58,58	0
55	MG	CA	3788	1/1	0.94	0.13	57,57,57,57	0
55	MG	CE	302	1/1	0.94	0.25	31,31,31,31	0
55	MG	CA	3490	1/1	0.94	0.20	146,146,146,146	0
55	MG	DV	113	1/1	0.94	0.05	72,72,72,72	0
55	MG	AA	4374	1/1	0.94	0.12	46,46,46,46	0
55	MG	AA	4190	1/1	0.94	0.19	23,23,23,23	0
55	MG	CE	306	1/1	0.94	0.19	64,64,64,64	0
55	MG	AA	4240	1/1	0.94	0.13	32,32,32,32	0
55	MG	AA	4995	1/1	0.94	0.12	71,71,71,71	0
55	MG	CA	3495	1/1	0.94	0.06	58,58,58,58	0
55	MG	AA	4997	1/1	0.94	0.13	68,68,68,68	0
55	MG	CA	3207	1/1	0.94	0.07	14,14,14,14	0
55	MG	DA	1892	1/1	0.94	0.07	77,77,77,77	0
55	MG	DV	124	1/1	0.94	0.09	61,61,61,61	0
55	MG	CA	3208	1/1	0.94	0.11	46,46,46,46	0
55	MG	DA	1894	1/1	0.94	0.05	67,67,67,67	0
55	MG	AA	4568	1/1	0.94	0.08	41,41,41,41	0
55	MG	AA	4192	1/1	0.94	0.12	23,23,23,23	0
55	MG	AA	5000	1/1	0.94	0.19	50,50,50,50	0
55	MG	CA	4159	1/1	0.94	0.04	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3504	1/1	0.94	0.05	43,43,43,43	0
55	MG	AA	4194	1/1	0.94	0.15	26,26,26,26	0
55	MG	CN	201	1/1	0.94	0.19	57,57,57,57	0
55	MG	DW	110	1/1	0.94	0.05	58,58,58,58	0
55	MG	CN	202	1/1	0.94	0.25	57,57,57,57	0
55	MG	CA	4163	1/1	0.94	0.08	64,64,64,64	0
54	BLS	CA	4405	30/30	0.94	0.14	53,53,54,54	0
55	MG	AA	4507	1/1	0.94	0.10	72,72,72,72	0
55	MG	AF	305	1/1	0.94	0.11	45,45,45,45	0
55	MG	CA	3223	1/1	0.94	0.33	51,51,51,51	0
55	MG	BA	1829	1/1	0.94	0.22	87,87,87,87	0
55	MG	DA	1911	1/1	0.94	0.08	58,58,58,58	0
55	MG	DW	119	1/1	0.94	0.06	49,49,49,49	0
55	MG	CA	3512	1/1	0.94	0.13	60,60,60,60	0
55	MG	AA	4896	1/1	0.94	0.05	42,42,42,42	0
55	MG	CA	3824	1/1	0.94	0.14	78,78,78,78	0
55	MG	AA	5239	1/1	0.94	0.09	69,69,69,69	0
55	MG	CA	3809	1/1	0.95	0.10	62,62,62,62	0
55	MG	CA	3810	1/1	0.95	0.15	43,43,43,43	0
55	MG	BV	103	1/1	0.95	0.17	66,66,66,66	0
55	MG	AA	4571	1/1	0.95	0.23	48,48,48,48	0
55	MG	DA	1978	1/1	0.95	0.08	51,51,51,51	0
55	MG	DA	1684	1/1	0.95	0.11	72,72,72,72	0
55	MG	CA	3579	1/1	0.95	0.07	53,53,53,53	0
55	MG	CA	3163	1/1	0.95	0.18	16,16,16,16	0
55	MG	CA	4074	1/1	0.95	0.20	59,59,59,59	0
55	MG	CA	3366	1/1	0.95	0.09	42,42,42,42	0
55	MG	AA	4387	1/1	0.95	0.14	35,35,35,35	0
55	MG	DA	1985	1/1	0.95	0.10	58,58,58,58	0
55	MG	CA	4078	1/1	0.95	0.06	44,44,44,44	0
55	MG	DA	1693	1/1	0.95	0.11	18,18,18,18	0
55	MG	CA	3818	1/1	0.95	0.16	72,72,72,72	0
55	MG	CA	2991	1/1	0.95	0.13	51,51,51,51	0
55	MG	DA	1991	1/1	0.95	0.22	56,56,56,56	0
55	MG	DA	1698	1/1	0.95	0.20	35,35,35,35	0
55	MG	CA	3585	1/1	0.95	0.07	43,43,43,43	0
55	MG	AA	4388	1/1	0.95	0.07	66,66,66,66	0
55	MG	DA	1995	1/1	0.95	0.17	71,71,71,71	0
55	MG	CA	3168	1/1	0.95	0.12	27,27,27,27	0
55	MG	CA	3372	1/1	0.95	0.16	38,38,38,38	0
55	MG	AA	5046	1/1	0.95	0.05	37,37,37,37	0
55	MG	BV	108	1/1	0.95	0.04	54,54,54,54	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4889	1/1	0.95	0.23	41,41,41,41	0
55	MG	CA	4090	1/1	0.95	0.24	58,58,58,58	0
55	MG	AA	4265	1/1	0.95	0.24	51,51,51,51	0
55	MG	AA	4528	1/1	0.95	0.10	63,63,63,63	0
55	MG	AA	4154	1/1	0.95	0.31	55,55,55,55	0
55	MG	CA	3002	1/1	0.95	0.15	58,58,58,58	0
55	MG	DA	1715	1/1	0.95	0.05	30,30,30,30	0
55	MG	AA	4969	1/1	0.95	0.04	68,68,68,68	0
55	MG	CA	4097	1/1	0.95	0.14	57,57,57,57	0
55	MG	AA	4627	1/1	0.95	0.06	42,42,42,42	0
55	MG	AA	4069	1/1	0.95	0.09	68,68,68,68	0
55	MG	CA	4374	1/1	0.95	0.22	41,41,41,41	0
55	MG	AA	4243	1/1	0.95	0.23	45,45,45,45	0
55	MG	CA	3188	1/1	0.95	0.15	23,23,23,23	0
55	MG	CA	3190	1/1	0.95	0.11	11,11,11,11	0
55	MG	AA	4356	1/1	0.95	0.08	33,33,33,33	0
55	MG	CA	3192	1/1	0.95	0.12	24,24,24,24	0
55	MG	CA	3390	1/1	0.95	0.16	37,37,37,37	0
55	MG	AA	4631	1/1	0.95	0.16	104,104,104,104	0
55	MG	CA	3196	1/1	0.95	0.06	23,23,23,23	0
55	MG	CA	3848	1/1	0.95	0.18	70,70,70,70	0
55	MG	AA	5248	1/1	0.95	0.18	59,59,59,59	0
55	MG	BA	2095	1/1	0.95	0.06	68,68,68,68	0
55	MG	CA	3396	1/1	0.95	0.08	39,39,39,39	0
55	MG	AA	5058	1/1	0.95	0.17	49,49,49,49	0
55	MG	DA	2030	1/1	0.95	0.05	26,26,26,26	0
55	MG	CA	4119	1/1	0.95	0.07	51,51,51,51	0
55	MG	CA	3615	1/1	0.95	0.05	50,50,50,50	0
55	MG	AA	4326	1/1	0.95	0.12	29,29,29,29	0
55	MG	DA	1743	1/1	0.95	0.04	50,50,50,50	0
55	MG	CA	4391	1/1	0.95	0.06	57,57,57,57	0
55	MG	DA	1745	1/1	0.95	0.07	54,54,54,54	0
55	MG	AA	4216	1/1	0.95	0.04	18,18,18,18	0
55	MG	CA	3204	1/1	0.95	0.11	38,38,38,38	0
55	MG	CA	4126	1/1	0.95	0.12	48,48,48,48	0
55	MG	CA	4127	1/1	0.95	0.06	49,49,49,49	0
55	MG	CA	3406	1/1	0.95	0.14	49,49,49,49	0
55	MG	AA	4027	1/1	0.95	0.07	48,48,48,48	0
55	MG	CA	3624	1/1	0.95	0.10	33,33,33,33	0
55	MG	CA	3206	1/1	0.95	0.07	24,24,24,24	0
55	MG	CA	4132	1/1	0.95	0.25	57,57,57,57	0
55	MG	AA	5153	1/1	0.95	0.10	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4399	1/1	0.95	0.05	35,35,35,35	0
55	MG	BV	128	1/1	0.95	0.04	63,63,63,63	0
55	MG	BA	1880	1/1	0.95	0.16	135,135,135,135	0
55	MG	CA	3211	1/1	0.95	0.12	28,28,28,28	0
55	MG	CA	3212	1/1	0.95	0.14	26,26,26,26	0
55	MG	BA	1994	1/1	0.95	0.11	52,52,52,52	0
55	MG	CA	4144	1/1	0.95	0.07	55,55,55,55	0
55	MG	CA	3871	1/1	0.95	0.08	64,64,64,64	0
55	MG	CA	3872	1/1	0.95	0.08	55,55,55,55	0
55	MG	AA	5155	1/1	0.95	0.23	69,69,69,69	0
55	MG	CA	3426	1/1	0.95	0.13	39,39,39,39	0
55	MG	CA	3216	1/1	0.95	0.09	18,18,18,18	0
55	MG	CA	3638	1/1	0.95	0.13	44,44,44,44	0
55	MG	BW	102	1/1	0.95	0.11	57,57,57,57	0
55	MG	AA	4699	1/1	0.95	0.10	60,60,60,60	0
55	MG	CA	4154	1/1	0.95	0.24	61,61,61,61	0
55	MG	CB	216	1/1	0.95	0.13	21,21,21,21	0
55	MG	AA	4401	1/1	0.95	0.10	42,42,42,42	0
55	MG	BA	2108	1/1	0.95	0.09	56,56,56,56	0
55	MG	CB	220	1/1	0.95	0.04	31,31,31,31	0
55	MG	AA	4982	1/1	0.95	0.13	60,60,60,60	0
55	MG	DA	1779	1/1	0.95	0.13	87,87,87,87	0
55	MG	BA	2110	1/1	0.95	0.16	88,88,88,88	0
55	MG	DA	2073	1/1	0.95	0.05	60,60,60,60	0
55	MG	AA	5160	1/1	0.95	0.20	55,55,55,55	0
55	MG	CA	3229	1/1	0.95	0.18	45,45,45,45	0
55	MG	CA	3032	1/1	0.95	0.14	46,46,46,46	0
55	MG	AA	5066	1/1	0.95	0.05	37,37,37,37	0
55	MG	AA	4218	1/1	0.95	0.08	34,34,34,34	0
55	MG	AA	4985	1/1	0.95	0.25	61,61,61,61	0
55	MG	CA	4167	1/1	0.95	0.07	45,45,45,45	0
55	MG	CA	4168	1/1	0.95	0.06	64,64,64,64	0
55	MG	AA	4588	1/1	0.95	0.11	80,80,80,80	0
55	MG	AA	5071	1/1	0.95	0.14	49,49,49,49	0
55	MG	CA	4171	1/1	0.95	0.12	26,26,26,26	0
55	MG	AA	4451	1/1	0.95	0.15	60,60,60,60	0
55	MG	AA	5167	1/1	0.95	0.09	58,58,58,58	0
55	MG	AA	4105	1/1	0.95	0.16	52,52,52,52	0
55	MG	CA	3895	1/1	0.95	0.10	58,58,58,58	0
55	MG	AN	201	1/1	0.95	0.14	102,102,102,102	0
55	MG	CA	3659	1/1	0.95	0.04	52,52,52,52	0
55	MG	CA	3898	1/1	0.95	0.16	65,65,65,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AN	202	1/1	0.95	0.15	48,48,48,48	0
55	MG	AA	4221	1/1	0.95	0.13	43,43,43,43	0
55	MG	AA	5076	1/1	0.95	0.11	69,69,69,69	0
55	MG	CA	3451	1/1	0.95	0.08	35,35,35,35	0
55	MG	CA	3045	1/1	0.95	0.16	53,53,53,53	0
55	MG	CA	3667	1/1	0.95	0.11	64,64,64,64	0
55	MG	CA	3668	1/1	0.95	0.14	84,84,84,84	0
55	MG	DA	1806	1/1	0.95	0.12	69,69,69,69	0
55	MG	CA	3046	1/1	0.95	0.31	80,80,80,80	0
55	MG	AA	4302	1/1	0.95	0.04	28,28,28,28	0
55	MG	AA	4222	1/1	0.95	0.13	23,23,23,23	0
55	MG	AA	4335	1/1	0.95	0.15	52,52,52,52	0
55	MG	CA	3255	1/1	0.95	0.11	33,33,33,33	0
55	MG	CA	4192	1/1	0.95	0.05	43,43,43,43	0
55	MG	CA	3256	1/1	0.95	0.11	31,31,31,31	0
55	MG	AA	4647	1/1	0.95	0.11	59,59,59,59	0
55	MG	CA	3676	1/1	0.95	0.06	61,61,61,61	0
55	MG	CA	3258	1/1	0.95	0.15	41,41,41,41	0
55	MG	CA	4197	1/1	0.95	0.16	64,64,64,64	0
55	MG	AA	4839	1/1	0.95	0.08	98,98,98,98	0
55	MG	CB	263	1/1	0.95	0.09	73,73,73,73	0
55	MG	AA	4996	1/1	0.95	0.20	65,65,65,65	0
55	MG	BA	1677	1/1	0.95	0.12	71,71,71,71	0
55	MG	CD	303	1/1	0.95	0.21	28,28,28,28	0
55	MG	CA	4201	1/1	0.95	0.04	35,35,35,35	0
55	MG	CA	2911	1/1	0.95	0.10	64,64,64,64	0
55	MG	CA	3465	1/1	0.95	0.17	48,48,48,48	0
55	MG	CA	3263	1/1	0.95	0.08	36,36,36,36	0
55	MG	BA	2020	1/1	0.95	0.12	61,61,61,61	0
55	MG	AA	4776	1/1	0.95	0.17	105,105,105,105	0
55	MG	CA	3470	1/1	0.95	0.06	49,49,49,49	0
55	MG	CA	3689	1/1	0.95	0.10	47,47,47,47	0
55	MG	CA	3058	1/1	0.95	0.17	66,66,66,66	0
55	MG	CF	301	1/1	0.95	0.19	55,55,55,55	0
55	MG	CA	3472	1/1	0.95	0.06	50,50,50,50	0
55	MG	AA	4841	1/1	0.95	0.07	67,67,67,67	0
55	MG	CA	3475	1/1	0.95	0.09	42,42,42,42	0
55	MG	CA	3476	1/1	0.95	0.10	74,74,74,74	0
55	MG	AA	4082	1/1	0.95	0.31	77,77,77,77	0
55	MG	AA	4368	1/1	0.95	0.04	38,38,38,38	0
55	MG	AA	4844	1/1	0.95	0.36	59,59,59,59	0
55	MG	AA	5182	1/1	0.95	0.17	52,52,52,52	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4041	1/1	0.95	0.15	57,57,57,57	0
55	MG	AA	4599	1/1	0.95	0.17	61,61,61,61	0
55	MG	AA	4108	1/1	0.95	0.07	61,61,61,61	0
55	MG	CL	205	1/1	0.95	0.16	35,35,35,35	0
55	MG	CL	206	1/1	0.95	0.11	55,55,55,55	0
55	MG	CA	4225	1/1	0.95	0.10	48,48,48,48	0
55	MG	CA	2924	1/1	0.95	0.28	91,91,91,91	0
55	MG	BA	1687	1/1	0.95	0.16	25,25,25,25	0
55	MG	CA	2926	1/1	0.95	0.48	56,56,56,56	0
55	MG	AA	5006	1/1	0.95	0.07	47,47,47,47	0
55	MG	DA	2149	1/1	0.95	0.13	74,74,74,74	0
55	MG	CA	4231	1/1	0.95	0.10	48,48,48,48	0
55	MG	AA	4551	1/1	0.95	0.06	72,72,72,72	0
55	MG	AA	4414	1/1	0.95	0.13	35,35,35,35	0
55	MG	AA	4784	1/1	0.95	0.05	43,43,43,43	0
55	MG	CA	4235	1/1	0.95	0.10	51,51,51,51	0
55	MG	CA	3715	1/1	0.95	0.07	59,59,59,59	0
55	MG	CA	3496	1/1	0.95	0.04	45,45,45,45	0
55	MG	DA	2157	1/1	0.95	0.08	31,31,31,31	0
55	MG	CA	3955	1/1	0.95	0.12	51,51,51,51	0
55	MG	DA	2159	1/1	0.95	0.09	63,63,63,63	0
55	MG	AY	101	1/1	0.95	0.10	72,72,72,72	0
55	MG	AA	4929	1/1	0.95	0.04	35,35,35,35	0
55	MG	AA	4508	1/1	0.95	0.07	89,89,89,89	0
55	MG	CA	3292	1/1	0.95	0.22	35,35,35,35	0
55	MG	CA	3961	1/1	0.95	0.07	28,28,28,28	0
55	MG	BA	1700	1/1	0.95	0.11	41,41,41,41	0
55	MG	AA	4604	1/1	0.95	0.10	54,54,54,54	0
55	MG	AA	4721	1/1	0.95	0.04	76,76,76,76	0
55	MG	CX	103	1/1	0.95	0.07	31,31,31,31	0
55	MG	CA	3297	1/1	0.95	0.12	37,37,37,37	0
55	MG	CA	4250	1/1	0.95	0.25	48,48,48,48	0
55	MG	CA	3728	1/1	0.95	0.12	77,77,77,77	0
55	MG	CA	2939	1/1	0.95	0.17	47,47,47,47	0
55	MG	AA	5196	1/1	0.95	0.09	48,48,48,48	0
55	MG	AA	4605	1/1	0.95	0.20	55,55,55,55	0
55	MG	AA	4174	1/1	0.95	0.14	14,14,14,14	0
55	MG	CA	3304	1/1	0.95	0.12	13,13,13,13	0
55	MG	AA	5200	1/1	0.95	0.28	64,64,64,64	0
55	MG	CA	3975	1/1	0.95	0.14	34,34,34,34	0
55	MG	CA	3737	1/1	0.95	0.16	91,91,91,91	0
55	MG	CA	4260	1/1	0.95	0.06	46,46,46,46	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1884	1/1	0.95	0.07	71,71,71,71	0
55	MG	CA	3978	1/1	0.95	0.06	32,32,32,32	0
55	MG	DA	1886	1/1	0.95	0.32	83,83,83,83	0
55	MG	AA	4059	1/1	0.95	0.14	73,73,73,73	0
55	MG	CA	3739	1/1	0.95	0.09	45,45,45,45	0
55	MG	AA	4937	1/1	0.95	0.04	38,38,38,38	0
55	MG	DA	2188	1/1	0.95	0.11	91,91,91,91	0
55	MG	DA	1606	1/1	0.95	0.15	83,83,83,83	0
55	MG	CA	4265	1/1	0.95	0.17	64,64,64,64	0
55	MG	AA	4232	1/1	0.95	0.08	40,40,40,40	0
55	MG	AA	4312	1/1	0.95	0.12	41,41,41,41	0
55	MG	AA	4233	1/1	0.95	0.18	29,29,29,29	0
55	MG	CA	3092	1/1	0.95	0.13	62,62,62,62	0
55	MG	BA	1826	1/1	0.95	0.07	48,48,48,48	0
55	MG	DA	1897	1/1	0.95	0.07	79,79,79,79	0
55	MG	AA	4796	1/1	0.95	0.13	64,64,64,64	0
55	MG	AA	5022	1/1	0.95	0.13	55,55,55,55	0
55	MG	AA	4206	1/1	0.95	0.04	19,19,19,19	0
55	MG	CA	3524	1/1	0.95	0.13	39,39,39,39	0
55	MG	CA	3526	1/1	0.95	0.15	64,64,64,64	0
55	MG	AA	5112	1/1	0.95	0.09	47,47,47,47	0
55	MG	BA	1718	1/1	0.95	0.11	30,30,30,30	0
55	MG	AA	4666	1/1	0.95	0.07	48,48,48,48	0
55	MG	AA	5213	1/1	0.95	0.04	60,60,60,60	0
55	MG	AA	4091	1/1	0.95	0.07	41,41,41,41	0
55	MG	AA	4613	1/1	0.95	0.12	41,41,41,41	0
55	MG	DA	1909	1/1	0.95	0.07	73,73,73,73	0
55	MG	AA	4669	1/1	0.95	0.13	116,116,116,116	0
55	MG	AA	4949	1/1	0.95	0.09	38,38,38,38	0
55	MG	BA	1725	1/1	0.95	0.07	27,27,27,27	0
55	MG	CA	3113	1/1	0.95	0.07	9,9,9,9	0
55	MG	AA	4873	1/1	0.95	0.08	34,34,34,34	0
55	MG	AA	5030	1/1	0.95	0.07	45,45,45,45	0
55	MG	CA	3543	1/1	0.95	0.07	47,47,47,47	0
55	MG	DA	1631	1/1	0.95	0.20	71,71,71,71	0
55	MG	CA	3765	1/1	0.95	0.12	77,77,77,77	0
55	MG	AA	4382	1/1	0.95	0.17	48,48,48,48	0
55	MG	AA	4425	1/1	0.95	0.16	66,66,66,66	0
55	MG	AA	4383	1/1	0.95	0.14	54,54,54,54	0
55	MG	CA	4021	1/1	0.95	0.15	56,56,56,56	0
55	MG	DA	1923	1/1	0.95	0.06	69,69,69,69	0
55	MG	CA	3121	1/1	0.95	0.14	11,11,11,11	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1639	1/1	0.95	0.13	138,138,138,138	0
55	MG	CA	4023	1/1	0.95	0.05	26,26,26,26	0
55	MG	CA	4024	1/1	0.95	0.07	48,48,48,48	0
55	MG	BG	201	1/1	0.95	0.07	46,46,46,46	0
55	MG	BA	1844	1/1	0.95	0.13	74,74,74,74	0
55	MG	BH	201	1/1	0.95	0.07	64,64,64,64	0
55	MG	CA	3774	1/1	0.95	0.14	55,55,55,55	0
55	MG	CA	3129	1/1	0.95	0.22	14,14,14,14	0
55	MG	CA	4307	1/1	0.95	0.06	58,58,58,58	0
55	MG	DV	112	1/1	0.95	0.04	35,35,35,35	0
55	MG	CA	2976	1/1	0.95	0.12	61,61,61,61	0
55	MG	CA	4309	1/1	0.95	0.04	36,36,36,36	0
55	MG	CA	4310	1/1	0.95	0.21	44,44,44,44	0
55	MG	CA	3133	1/1	0.95	0.13	13,13,13,13	0
55	MG	AA	4674	1/1	0.95	0.10	50,50,50,50	0
55	MG	CA	3345	1/1	0.95	0.25	48,48,48,48	0
55	MG	CA	3781	1/1	0.95	0.14	53,53,53,53	0
55	MG	AA	4675	1/1	0.95	0.06	52,52,52,52	0
55	MG	CA	3559	1/1	0.95	0.14	57,57,57,57	0
55	MG	BA	1733	1/1	0.95	0.14	54,54,54,54	0
55	MG	CA	3786	1/1	0.95	0.09	64,64,64,64	0
55	MG	CA	3139	1/1	0.95	0.15	19,19,19,19	0
55	MG	CA	3562	1/1	0.95	0.15	48,48,48,48	0
55	MG	AA	4384	1/1	0.95	0.12	35,35,35,35	0
55	MG	AA	4678	1/1	0.95	0.18	62,62,62,62	0
55	MG	AA	4429	1/1	0.95	0.12	36,36,36,36	0
55	MG	AA	4092	1/1	0.95	0.07	50,50,50,50	0
55	MG	CA	3567	1/1	0.95	0.29	71,71,71,71	0
55	MG	CA	4328	1/1	0.95	0.17	76,76,76,76	0
55	MG	CA	4329	1/1	0.95	0.11	48,48,48,48	0
55	MG	BA	1629	1/1	0.95	0.04	55,55,55,55	0
55	MG	CA	4057	1/1	0.95	0.08	42,42,42,42	0
55	MG	CA	3802	1/1	0.95	0.18	70,70,70,70	0
55	MG	DA	1961	1/1	0.95	0.09	43,43,43,43	0
55	MG	CA	3152	1/1	0.95	0.18	22,22,22,22	0
55	MG	BA	1740	1/1	0.95	0.18	51,51,51,51	0
55	MG	AA	4023	1/1	0.95	0.32	71,71,71,71	0
55	MG	DA	1966	1/1	0.95	0.17	50,50,50,50	0
55	MG	AA	5042	1/1	0.95	0.10	57,57,57,57	0
55	MG	DA	1675	1/1	0.95	0.10	49,49,49,49	0
55	MG	CA	3159	1/1	0.95	0.09	24,24,24,24	0
55	MG	CA	3808	1/1	0.95	0.22	88,88,88,88	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1678	1/1	0.95	0.08	74,74,74,74	0
55	MG	CA	4340	1/1	0.95	0.13	40,40,40,40	0
55	MG	CA	4288	1/1	0.96	0.11	53,53,53,53	0
55	MG	AA	5073	1/1	0.96	0.08	36,36,36,36	0
55	MG	CA	4073	1/1	0.96	0.11	45,45,45,45	0
55	MG	CQ	202	1/1	0.96	0.16	58,58,58,58	0
55	MG	CQ	204	1/1	0.96	0.23	75,75,75,75	0
55	MG	BA	2164	1/1	0.96	0.07	40,40,40,40	0
55	MG	AA	4036	1/1	0.96	0.08	64,64,64,64	0
55	MG	CA	4076	1/1	0.96	0.06	34,34,34,34	0
55	MG	CS	202	1/1	0.96	0.13	28,28,28,28	0
55	MG	AA	4527	1/1	0.96	0.05	43,43,43,43	0
55	MG	AR	205	1/1	0.96	0.21	110,110,110,110	0
55	MG	AA	4341	1/1	0.96	0.11	38,38,38,38	0
55	MG	CA	3867	1/1	0.96	0.10	53,53,53,53	0
55	MG	DA	1808	1/1	0.96	0.12	61,61,61,61	0
55	MG	CA	3868	1/1	0.96	0.14	46,46,46,46	0
55	MG	BA	1766	1/1	0.96	0.05	50,50,50,50	0
55	MG	CA	3503	1/1	0.96	0.12	53,53,53,53	0
55	MG	CA	4085	1/1	0.96	0.07	54,54,54,54	0
55	MG	CW	102	1/1	0.96	0.06	32,32,32,32	0
55	MG	AA	4181	1/1	0.96	0.13	25,25,25,25	0
55	MG	DA	2051	1/1	0.96	0.07	65,65,65,65	0
55	MG	CA	3195	1/1	0.96	0.09	20,20,20,20	0
55	MG	AA	4493	1/1	0.96	0.08	53,53,53,53	0
55	MG	AA	5149	1/1	0.96	0.07	36,36,36,36	0
55	MG	AA	5080	1/1	0.96	0.18	56,56,56,56	0
55	MG	BA	1772	1/1	0.96	0.09	43,43,43,43	0
55	MG	AA	4215	1/1	0.96	0.06	19,19,19,19	0
55	MG	BA	1874	1/1	0.96	0.08	82,82,82,82	0
55	MG	CA	3203	1/1	0.96	0.24	35,35,35,35	0
55	MG	DA	1824	1/1	0.96	0.10	63,63,63,63	0
55	MG	DA	2061	1/1	0.96	0.08	57,57,57,57	0
55	MG	CA	4312	1/1	0.96	0.14	57,57,57,57	0
55	MG	CA	3687	1/1	0.96	0.10	67,67,67,67	0
55	MG	AA	4735	1/1	0.96	0.07	43,43,43,43	0
55	MG	C4	104	1/1	0.96	0.08	56,56,56,56	0
55	MG	AB	208	1/1	0.96	0.03	77,77,77,77	0
55	MG	AB	209	1/1	0.96	0.14	30,30,30,30	0
55	MG	AA	4319	1/1	0.96	0.14	50,50,50,50	0
55	MG	CA	4101	1/1	0.96	0.07	46,46,46,46	0
55	MG	AA	4788	1/1	0.96	0.23	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	2071	1/1	0.96	0.10	58,58,58,58	0
55	MG	AA	4893	1/1	0.96	0.18	54,54,54,54	0
55	MG	AA	4400	1/1	0.96	0.10	40,40,40,40	0
55	MG	AA	4372	1/1	0.96	0.14	49,49,49,49	0
55	MG	BA	1782	1/1	0.96	0.12	69,69,69,69	0
55	MG	CA	3523	1/1	0.96	0.23	59,59,59,59	0
55	MG	CA	3063	1/1	0.96	0.11	82,82,82,82	0
55	MG	CA	4109	1/1	0.96	0.11	45,45,45,45	0
55	MG	CA	4110	1/1	0.96	0.10	45,45,45,45	0
55	MG	CA	3363	1/1	0.96	0.11	22,22,22,22	0
55	MG	CA	3527	1/1	0.96	0.08	27,27,27,27	0
55	MG	AA	4320	1/1	0.96	0.19	46,46,46,46	0
55	MG	AA	5159	1/1	0.96	0.18	69,69,69,69	0
55	MG	CA	3218	1/1	0.96	0.15	23,23,23,23	0
55	MG	AA	4696	1/1	0.96	0.09	50,50,50,50	0
55	MG	A4	102	1/1	0.96	0.19	101,101,101,101	0
55	MG	AA	4300	1/1	0.96	0.06	25,25,25,25	0
55	MG	CA	3371	1/1	0.96	0.18	51,51,51,51	0
55	MG	CA	4124	1/1	0.96	0.13	48,48,48,48	0
55	MG	CA	2955	1/1	0.96	0.22	52,52,52,52	0
55	MG	DA	2091	1/1	0.96	0.08	50,50,50,50	0
55	MG	CA	3373	1/1	0.96	0.06	53,53,53,53	0
55	MG	CA	4342	1/1	0.96	0.22	60,60,60,60	0
55	MG	AA	4899	1/1	0.96	0.15	51,51,51,51	0
55	MG	CA	3225	1/1	0.96	0.04	23,23,23,23	0
55	MG	AA	4745	1/1	0.96	0.09	64,64,64,64	0
55	MG	CA	3227	1/1	0.96	0.05	29,29,29,29	0
55	MG	AA	4576	1/1	0.96	0.14	60,60,60,60	0
55	MG	AA	4263	1/1	0.96	0.13	38,38,38,38	0
55	MG	CA	3723	1/1	0.96	0.32	53,53,53,53	0
55	MG	CA	3232	1/1	0.96	0.09	32,32,32,32	0
55	MG	CA	2960	1/1	0.96	0.19	77,77,77,77	0
55	MG	CA	3548	1/1	0.96	0.08	55,55,55,55	0
55	MG	CA	2961	1/1	0.96	0.14	78,78,78,78	0
55	MG	AA	4467	1/1	0.96	0.04	36,36,36,36	0
55	MG	AA	4845	1/1	0.96	0.20	35,35,35,35	0
55	MG	CA	4143	1/1	0.96	0.10	57,57,57,57	0
55	MG	AA	4324	1/1	0.96	0.17	46,46,46,46	0
55	MG	CA	3919	1/1	0.96	0.14	51,51,51,51	0
55	MG	CA	3239	1/1	0.96	0.15	29,29,29,29	0
55	MG	AA	4799	1/1	0.96	0.08	37,37,37,37	0
55	MG	BA	1699	1/1	0.96	0.06	37,37,37,37	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4437	1/1	0.96	0.10	33,33,33,33	0
55	MG	CA	3925	1/1	0.96	0.25	69,69,69,69	0
55	MG	CA	3926	1/1	0.96	0.10	45,45,45,45	0
55	MG	BA	1701	1/1	0.96	0.18	36,36,36,36	0
55	MG	AA	5246	1/1	0.96	0.13	46,46,46,46	0
55	MG	CA	4368	1/1	0.96	0.12	64,64,64,64	0
55	MG	CA	3393	1/1	0.96	0.06	36,36,36,36	0
55	MG	AA	4849	1/1	0.96	0.09	16,16,16,16	0
55	MG	CA	4372	1/1	0.96	0.12	55,55,55,55	0
55	MG	AA	5034	1/1	0.96	0.08	48,48,48,48	0
55	MG	AA	4438	1/1	0.96	0.11	76,76,76,76	0
55	MG	AA	4851	1/1	0.96	0.10	16,16,16,16	0
55	MG	BA	1707	1/1	0.96	0.18	38,38,38,38	0
55	MG	BA	1613	1/1	0.96	0.06	69,69,69,69	0
55	MG	AB	234	1/1	0.96	0.07	44,44,44,44	0
55	MG	CA	3403	1/1	0.96	0.21	45,45,45,45	0
55	MG	CA	3404	1/1	0.96	0.04	36,36,36,36	0
55	MG	CA	3405	1/1	0.96	0.11	32,32,32,32	0
55	MG	CA	3253	1/1	0.96	0.09	27,27,27,27	0
55	MG	CA	3407	1/1	0.96	0.05	36,36,36,36	0
55	MG	CA	3408	1/1	0.96	0.14	41,41,41,41	0
55	MG	CA	3574	1/1	0.96	0.17	91,91,91,91	0
55	MG	CA	3576	1/1	0.96	0.10	37,37,37,37	0
55	MG	CA	3948	1/1	0.96	0.25	66,66,66,66	0
55	MG	CA	3409	1/1	0.96	0.05	38,38,38,38	0
55	MG	AA	4199	1/1	0.96	0.12	10,10,10,10	0
55	MG	AA	4544	1/1	0.96	0.12	69,69,69,69	0
55	MG	CA	4177	1/1	0.96	0.07	54,54,54,54	0
55	MG	DA	2143	1/1	0.96	0.03	48,48,48,48	0
55	MG	CA	3413	1/1	0.96	0.23	48,48,48,48	0
55	MG	AA	4050	1/1	0.96	0.13	84,84,84,84	0
55	MG	AA	4327	1/1	0.96	0.12	53,53,53,53	0
55	MG	BA	1814	1/1	0.96	0.06	53,53,53,53	0
55	MG	CA	3584	1/1	0.96	0.09	55,55,55,55	0
55	MG	AA	5108	1/1	0.96	0.05	66,66,66,66	0
55	MG	AA	5256	1/1	0.96	0.12	55,55,55,55	0
55	MG	AA	4474	1/1	0.96	0.06	42,42,42,42	0
55	MG	AA	4857	1/1	0.96	0.12	28,28,28,28	0
55	MG	CA	3589	1/1	0.96	0.27	58,58,58,58	0
55	MG	AA	4266	1/1	0.96	0.19	43,43,43,43	0
55	MG	AA	5183	1/1	0.96	0.06	58,58,58,58	0
55	MG	CA	3772	1/1	0.96	0.33	58,58,58,58	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4306	1/1	0.96	0.18	42,42,42,42	0
55	MG	CA	3429	1/1	0.96	0.16	44,44,44,44	0
55	MG	CA	2992	1/1	0.96	0.10	60,60,60,60	0
55	MG	CA	3268	1/1	0.96	0.30	35,35,35,35	0
55	MG	AA	4711	1/1	0.96	0.07	75,75,75,75	0
55	MG	AA	4249	1/1	0.96	0.11	25,25,25,25	0
55	MG	DA	1692	1/1	0.96	0.10	11,11,11,11	0
55	MG	AA	4203	1/1	0.96	0.12	25,25,25,25	0
55	MG	AA	4184	1/1	0.96	0.12	19,19,19,19	0
55	MG	DA	1696	1/1	0.96	0.11	25,25,25,25	0
55	MG	AA	4672	1/1	0.96	0.29	57,57,57,57	0
55	MG	CA	3602	1/1	0.96	0.18	35,35,35,35	0
55	MG	AD	301	1/1	0.96	0.14	28,28,28,28	0
55	MG	DA	1700	1/1	0.96	0.05	48,48,48,48	0
55	MG	CA	3275	1/1	0.96	0.19	40,40,40,40	0
55	MG	DA	1931	1/1	0.96	0.05	50,50,50,50	0
55	MG	CA	3787	1/1	0.96	0.08	52,52,52,52	0
55	MG	CB	215	1/1	0.96	0.10	28,28,28,28	0
55	MG	DA	1704	1/1	0.96	0.11	42,42,42,42	0
55	MG	CA	3119	1/1	0.96	0.18	8,8,8,8	0
55	MG	CA	3789	1/1	0.96	0.21	94,94,94,94	0
55	MG	CA	3791	1/1	0.96	0.12	61,61,61,61	0
55	MG	CA	3792	1/1	0.96	0.29	122,122,122,122	0
55	MG	AA	4448	1/1	0.96	0.05	59,59,59,59	0
55	MG	CA	3794	1/1	0.96	0.31	106,106,106,106	0
55	MG	CA	3001	1/1	0.96	0.04	40,40,40,40	0
55	MG	CB	225	1/1	0.96	0.06	51,51,51,51	0
55	MG	CA	3279	1/1	0.96	0.07	36,36,36,36	0
55	MG	DA	1716	1/1	0.96	0.10	51,51,51,51	0
55	MG	CA	3995	1/1	0.96	0.14	36,36,36,36	0
55	MG	AA	5191	1/1	0.96	0.04	41,41,41,41	0
55	MG	AA	4191	1/1	0.96	0.15	14,14,14,14	0
55	MG	CA	3127	1/1	0.96	0.14	14,14,14,14	0
55	MG	CA	3284	1/1	0.96	0.10	42,42,42,42	0
55	MG	DA	2193	1/1	0.96	0.05	54,54,54,54	0
55	MG	AA	5052	1/1	0.96	0.07	46,46,46,46	0
55	MG	AE	302	1/1	0.96	0.23	77,77,77,77	0
55	MG	AA	5272	1/1	0.96	0.06	58,58,58,58	0
55	MG	DA	1726	1/1	0.96	0.08	28,28,28,28	0
55	MG	CA	4006	1/1	0.96	0.06	33,33,33,33	0
55	MG	DA	1728	1/1	0.96	0.12	32,32,32,32	0
55	MG	AE	304	1/1	0.96	0.07	29,29,29,29	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1958	1/1	0.96	0.06	18,18,18,18	0
55	MG	AA	4557	1/1	0.96	0.10	70,70,70,70	0
55	MG	DA	1960	1/1	0.96	0.04	20,20,20,20	0
55	MG	AF	302	1/1	0.96	0.09	49,49,49,49	0
55	MG	DA	1733	1/1	0.96	0.11	68,68,68,68	0
55	MG	DA	1963	1/1	0.96	0.10	46,46,46,46	0
55	MG	AA	4676	1/1	0.96	0.05	74,74,74,74	0
55	MG	CA	3622	1/1	0.96	0.18	53,53,53,53	0
55	MG	CA	3138	1/1	0.96	0.14	19,19,19,19	0
55	MG	AA	4992	1/1	0.96	0.05	48,48,48,48	0
55	MG	CA	3812	1/1	0.96	0.08	78,78,78,78	0
55	MG	CA	4016	1/1	0.96	0.16	42,42,42,42	0
55	MG	AA	4720	1/1	0.96	0.13	92,92,92,92	0
55	MG	AA	4871	1/1	0.96	0.06	34,34,34,34	0
55	MG	AA	5199	1/1	0.96	0.07	49,49,49,49	0
55	MG	AA	4872	1/1	0.96	0.06	32,32,32,32	0
55	MG	CA	3149	1/1	0.96	0.14	18,18,18,18	0
55	MG	CA	3150	1/1	0.96	0.13	23,23,23,23	0
55	MG	CA	3819	1/1	0.96	0.13	68,68,68,68	0
55	MG	CA	3633	1/1	0.96	0.10	63,63,63,63	0
55	MG	AA	4450	1/1	0.96	0.07	62,62,62,62	0
55	MG	AK	201	1/1	0.96	0.09	56,56,56,56	0
55	MG	AA	4239	1/1	0.96	0.28	47,47,47,47	0
55	MG	CA	3021	1/1	0.96	0.11	68,68,68,68	0
55	MG	CA	3155	1/1	0.96	0.11	18,18,18,18	0
55	MG	CA	4030	1/1	0.96	0.08	37,37,37,37	0
55	MG	CA	4031	1/1	0.96	0.06	40,40,40,40	0
55	MG	CA	4032	1/1	0.96	0.22	49,49,49,49	0
55	MG	CA	3467	1/1	0.96	0.07	41,41,41,41	0
55	MG	DV	107	1/1	0.96	0.06	69,69,69,69	0
55	MG	AA	4485	1/1	0.96	0.14	36,36,36,36	0
55	MG	BA	1651	1/1	0.96	0.10	64,64,64,64	0
55	MG	CA	3312	1/1	0.96	0.19	38,38,38,38	0
55	MG	CD	302	1/1	0.96	0.29	15,15,15,15	0
55	MG	CA	3643	1/1	0.96	0.10	48,48,48,48	0
55	MG	AA	4637	1/1	0.96	0.05	79,79,79,79	0
55	MG	AA	5284	1/1	0.96	0.08	52,52,52,52	0
55	MG	DV	115	1/1	0.96	0.03	59,59,59,59	0
55	MG	CA	3162	1/1	0.96	0.07	11,11,11,11	0
55	MG	CA	3474	1/1	0.96	0.16	55,55,55,55	0
55	MG	CA	3648	1/1	0.96	0.08	41,41,41,41	0
55	MG	CA	3026	1/1	0.96	0.13	59,59,59,59	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4877	1/1	0.96	0.11	48,48,48,48	0
55	MG	AA	4878	1/1	0.96	0.05	29,29,29,29	0
55	MG	CA	3843	1/1	0.96	0.18	68,68,68,68	0
55	MG	AA	5208	1/1	0.96	0.17	45,45,45,45	0
55	MG	CF	302	1/1	0.96	0.12	43,43,43,43	0
55	MG	AA	4175	1/1	0.96	0.23	14,14,14,14	0
55	MG	DA	2006	1/1	0.96	0.14	54,54,54,54	0
55	MG	CA	4055	1/1	0.96	0.06	49,49,49,49	0
55	MG	DA	1776	1/1	0.96	0.04	48,48,48,48	0
55	MG	CA	2917	1/1	0.96	0.12	41,41,41,41	0
55	MG	CF	306	1/1	0.96	0.09	26,26,26,26	0
55	MG	CF	307	1/1	0.96	0.37	71,71,71,71	0
55	MG	AA	4186	1/1	0.96	0.07	10,10,10,10	0
55	MG	CA	3485	1/1	0.96	0.33	63,63,63,63	0
55	MG	CA	3486	1/1	0.96	0.06	61,61,61,61	0
55	MG	CK	201	1/1	0.96	0.28	105,105,105,105	0
55	MG	AA	4941	1/1	0.96	0.09	48,48,48,48	0
55	MG	AA	5005	1/1	0.96	0.09	61,61,61,61	0
55	MG	CA	3176	1/1	0.96	0.09	15,15,15,15	0
55	MG	AA	4225	1/1	0.96	0.12	44,44,44,44	0
55	MG	CA	4065	1/1	0.96	0.04	39,39,39,39	0
55	MG	AA	4943	1/1	0.96	0.04	45,45,45,45	0
55	MG	AA	4196	1/1	0.96	0.10	24,24,24,24	0
55	MG	DA	2026	1/1	0.96	0.04	63,63,63,63	0
55	MG	CA	3331	1/1	0.96	0.04	27,27,27,27	0
55	MG	CA	3666	1/1	0.96	0.24	54,54,54,54	0
55	MG	BA	1965	1/1	0.96	0.06	61,61,61,61	0
55	MG	CA	3183	1/1	0.96	0.09	19,19,19,19	0
55	MG	CA	4212	1/1	0.97	0.04	44,44,44,44	0
55	MG	AA	5124	1/1	0.97	0.09	46,46,46,46	0
55	MG	AB	229	1/1	0.97	0.03	45,45,45,45	0
55	MG	AA	5224	1/1	0.97	0.08	47,47,47,47	0
55	MG	CX	102	1/1	0.97	0.08	18,18,18,18	0
55	MG	BA	1922	1/1	0.97	0.12	54,54,54,54	0
55	MG	CA	4370	1/1	0.97	0.20	61,61,61,61	0
55	MG	CA	3147	1/1	0.97	0.13	12,12,12,12	0
55	MG	CA	3148	1/1	0.97	0.11	17,17,17,17	0
55	MG	C2	102	1/1	0.97	0.20	49,49,49,49	0
55	MG	AA	4983	1/1	0.97	0.05	51,51,51,51	0
55	MG	AA	4641	1/1	0.97	0.24	66,66,66,66	0
55	MG	CA	3356	1/1	0.97	0.07	34,34,34,34	0
55	MG	CA	2904	1/1	0.97	0.20	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4282	1/1	0.97	0.11	23,23,23,23	0
55	MG	AA	4157	1/1	0.97	0.08	64,64,64,64	0
55	MG	AA	4178	1/1	0.97	0.07	9,9,9,9	0
55	MG	CA	3695	1/1	0.97	0.06	21,21,21,21	0
55	MG	AA	4339	1/1	0.97	0.06	33,33,33,33	0
55	MG	CA	3940	1/1	0.97	0.37	44,44,44,44	0
55	MG	CA	4229	1/1	0.97	0.06	42,42,42,42	0
55	MG	CA	3941	1/1	0.97	0.05	58,58,58,58	0
55	MG	CA	3157	1/1	0.97	0.13	8,8,8,8	0
55	MG	AA	4285	1/1	0.97	0.06	23,23,23,23	0
55	MG	CA	4083	1/1	0.97	0.09	37,37,37,37	0
55	MG	AS	204	1/1	0.97	0.08	43,43,43,43	0
55	MG	AA	4410	1/1	0.97	0.09	65,65,65,65	0
55	MG	BL	201	1/1	0.97	0.11	78,78,78,78	0
55	MG	CA	3947	1/1	0.97	0.14	41,41,41,41	0
55	MG	AA	4303	1/1	0.97	0.16	41,41,41,41	0
55	MG	BA	1998	1/1	0.97	0.06	52,52,52,52	0
55	MG	CA	3265	1/1	0.97	0.06	35,35,35,35	0
55	MG	BP	101	1/1	0.97	0.11	88,88,88,88	0
55	MG	CA	3590	1/1	0.97	0.13	42,42,42,42	0
55	MG	DA	2128	1/1	0.97	0.04	40,40,40,40	0
55	MG	CA	3479	1/1	0.97	0.06	45,45,45,45	0
55	MG	CA	4244	1/1	0.97	0.04	34,34,34,34	0
55	MG	CA	4245	1/1	0.97	0.06	43,43,43,43	0
55	MG	CA	4400	1/1	0.97	0.05	45,45,45,45	0
55	MG	CA	2916	1/1	0.97	0.13	66,66,66,66	0
55	MG	CA	3481	1/1	0.97	0.11	38,38,38,38	0
55	MG	AA	4286	1/1	0.97	0.09	35,35,35,35	0
55	MG	AA	4413	1/1	0.97	0.08	40,40,40,40	0
55	MG	AA	4771	1/1	0.97	0.08	25,25,25,25	0
55	MG	DA	2138	1/1	0.97	0.09	58,58,58,58	0
55	MG	AA	4234	1/1	0.97	0.06	19,19,19,19	0
55	MG	CA	3960	1/1	0.97	0.25	6,6,6,6	0
55	MG	AA	4690	1/1	0.97	0.16	57,57,57,57	0
55	MG	CA	3840	1/1	0.97	0.12	63,63,63,63	0
55	MG	CA	3963	1/1	0.97	0.09	24,24,24,24	0
55	MG	CA	3173	1/1	0.97	0.09	14,14,14,14	0
55	MG	AA	4652	1/1	0.97	0.16	74,74,74,74	0
55	MG	AA	4415	1/1	0.97	0.12	52,52,52,52	0
55	MG	AA	4211	1/1	0.97	0.05	21,21,21,21	0
55	MG	DA	1972	1/1	0.97	0.07	48,48,48,48	0
55	MG	CA	3000	1/1	0.97	0.13	37,37,37,37	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3724	1/1	0.97	0.11	60,60,60,60	0
55	MG	CA	3179	1/1	0.97	0.12	41,41,41,41	0
55	MG	DA	1637	1/1	0.97	0.09	71,71,71,71	0
55	MG	CA	3180	1/1	0.97	0.04	18,18,18,18	0
55	MG	AA	4908	1/1	0.97	0.12	97,97,97,97	0
55	MG	AA	4655	1/1	0.97	0.16	60,60,60,60	0
55	MG	CA	3974	1/1	0.97	0.13	41,41,41,41	0
55	MG	CB	218	1/1	0.97	0.17	46,46,46,46	0
55	MG	AA	4955	1/1	0.97	0.16	54,54,54,54	0
55	MG	AA	4180	1/1	0.97	0.16	22,22,22,22	0
55	MG	CA	4121	1/1	0.97	0.04	39,39,39,39	0
55	MG	CB	222	1/1	0.97	0.05	29,29,29,29	0
55	MG	AA	4224	1/1	0.97	0.09	14,14,14,14	0
55	MG	DA	1987	1/1	0.97	0.10	42,42,42,42	0
55	MG	CA	3979	1/1	0.97	0.04	29,29,29,29	0
55	MG	DA	1817	1/1	0.97	0.04	34,34,34,34	0
55	MG	CA	3980	1/1	0.97	0.18	39,39,39,39	0
55	MG	DA	2168	1/1	0.97	0.05	54,54,54,54	0
55	MG	A4	103	1/1	0.97	0.11	76,76,76,76	0
55	MG	AA	4392	1/1	0.97	0.08	39,39,39,39	0
55	MG	CA	3189	1/1	0.97	0.10	25,25,25,25	0
55	MG	CA	3289	1/1	0.97	0.06	20,20,20,20	0
55	MG	AA	4369	1/1	0.97	0.09	25,25,25,25	0
55	MG	A5	101	1/1	0.97	0.05	30,30,30,30	0
55	MG	CA	3987	1/1	0.97	0.13	36,36,36,36	0
55	MG	CA	3618	1/1	0.97	0.09	56,56,56,56	0
55	MG	AA	4739	1/1	0.97	0.15	65,65,65,65	0
55	MG	CA	3991	1/1	0.97	0.05	21,21,21,21	0
55	MG	CA	4135	1/1	0.97	0.14	50,50,50,50	0
55	MG	CA	4286	1/1	0.97	0.10	58,58,58,58	0
55	MG	AA	4452	1/1	0.97	0.04	42,42,42,42	0
55	MG	CA	3194	1/1	0.97	0.12	9,9,9,9	0
55	MG	CA	4138	1/1	0.97	0.24	49,49,49,49	0
55	MG	CA	4139	1/1	0.97	0.04	51,51,51,51	0
55	MG	CA	3012	1/1	0.97	0.10	75,75,75,75	0
55	MG	CA	3623	1/1	0.97	0.09	69,69,69,69	0
55	MG	AA	4484	1/1	0.97	0.08	75,75,75,75	0
55	MG	BA	1892	1/1	0.97	0.08	83,83,83,83	0
55	MG	CA	3998	1/1	0.97	0.06	35,35,35,35	0
55	MG	DA	2012	1/1	0.97	0.21	65,65,65,65	0
55	MG	CA	3299	1/1	0.97	0.06	21,21,21,21	0
55	MG	CA	3091	1/1	0.97	0.14	65,65,65,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	5201	1/1	0.97	0.16	49,49,49,49	0
55	MG	CA	3302	1/1	0.97	0.19	50,50,50,50	0
55	MG	CA	3094	1/1	0.97	0.22	41,41,41,41	0
55	MG	AA	4554	1/1	0.97	0.14	73,73,73,73	0
55	MG	CA	4007	1/1	0.97	0.07	29,29,29,29	0
55	MG	DA	2020	1/1	0.97	0.03	66,66,66,66	0
55	MG	CA	3202	1/1	0.97	0.07	28,28,28,28	0
55	MG	CA	3017	1/1	0.97	0.16	68,68,68,68	0
55	MG	CA	3414	1/1	0.97	0.04	42,42,42,42	0
55	MG	AA	4786	1/1	0.97	0.04	55,55,55,55	0
55	MG	CA	3879	1/1	0.97	0.07	43,43,43,43	0
55	MG	AA	4348	1/1	0.97	0.11	36,36,36,36	0
55	MG	AA	4591	1/1	0.97	0.11	52,52,52,52	0
55	MG	CB	261	1/1	0.97	0.15	61,61,61,61	0
55	MG	CA	3525	1/1	0.97	0.11	61,61,61,61	0
55	MG	AA	4395	1/1	0.97	0.11	53,53,53,53	0
55	MG	CA	4162	1/1	0.97	0.13	62,62,62,62	0
55	MG	CA	3419	1/1	0.97	0.09	41,41,41,41	0
55	MG	CD	301	1/1	0.97	0.12	61,61,61,61	0
55	MG	DA	1691	1/1	0.97	0.10	16,16,16,16	0
55	MG	CA	4164	1/1	0.97	0.11	44,44,44,44	0
55	MG	BV	123	1/1	0.97	0.06	56,56,56,56	0
55	MG	DA	1694	1/1	0.97	0.09	22,22,22,22	0
55	MG	CA	4317	1/1	0.97	0.06	70,70,70,70	0
55	MG	AA	4423	1/1	0.97	0.07	45,45,45,45	0
55	MG	AA	4250	1/1	0.97	0.11	24,24,24,24	0
55	MG	AA	4094	1/1	0.97	0.17	62,62,62,62	0
55	MG	DA	1868	1/1	0.97	0.06	58,58,58,58	0
55	MG	AA	4426	1/1	0.97	0.10	64,64,64,64	0
55	MG	AA	4277	1/1	0.97	0.06	41,41,41,41	0
55	MG	CA	3428	1/1	0.97	0.04	35,35,35,35	0
55	MG	BA	1786	1/1	0.97	0.17	60,60,60,60	0
55	MG	CA	3112	1/1	0.97	0.11	14,14,14,14	0
55	MG	AA	4011	1/1	0.97	0.26	59,59,59,59	0
55	MG	AA	4033	1/1	0.97	0.06	47,47,47,47	0
55	MG	CA	3541	1/1	0.97	0.20	63,63,63,63	0
55	MG	DV	105	1/1	0.97	0.03	55,55,55,55	0
55	MG	AA	4754	1/1	0.97	0.10	42,42,42,42	0
55	MG	CA	3777	1/1	0.97	0.07	59,59,59,59	0
55	MG	BA	1908	1/1	0.97	0.11	75,75,75,75	0
55	MG	CA	4033	1/1	0.97	0.11	45,45,45,45	0
55	MG	CA	4034	1/1	0.97	0.06	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	DA	1712	1/1	0.97	0.10	48,48,48,48	0
55	MG	DA	1713	1/1	0.97	0.12	30,30,30,30	0
55	MG	AA	4376	1/1	0.97	0.09	53,53,53,53	0
55	MG	BA	2162	1/1	0.97	0.04	38,38,38,38	0
55	MG	CJ	202	1/1	0.97	0.06	37,37,37,37	0
55	MG	BA	1791	1/1	0.97	0.03	60,60,60,60	0
55	MG	CA	4337	1/1	0.97	0.10	69,69,69,69	0
55	MG	DA	1719	1/1	0.97	0.18	42,42,42,42	0
55	MG	CA	4038	1/1	0.97	0.16	45,45,45,45	0
55	MG	BA	1851	1/1	0.97	0.16	66,66,66,66	0
55	MG	CA	4040	1/1	0.97	0.13	36,36,36,36	0
55	MG	AA	5118	1/1	0.97	0.08	54,54,54,54	0
55	MG	CA	3124	1/1	0.97	0.12	17,17,17,17	0
55	MG	CA	3125	1/1	0.97	0.13	13,13,13,13	0
55	MG	CA	4344	1/1	0.97	0.06	41,41,41,41	0
55	MG	CA	4045	1/1	0.97	0.11	49,49,49,49	0
55	MG	CA	3231	1/1	0.97	0.09	19,19,19,19	0
55	MG	CA	3552	1/1	0.97	0.31	56,56,56,56	0
55	MG	DA	1730	1/1	0.97	0.15	44,44,44,44	0
55	MG	AA	4530	1/1	0.97	0.11	64,64,64,64	0
55	MG	BW	110	1/1	0.97	0.10	47,47,47,47	0
55	MG	CA	3234	1/1	0.97	0.09	18,18,18,18	0
55	MG	CA	3912	1/1	0.97	0.07	56,56,56,56	0
55	MG	AA	4296	1/1	0.97	0.03	25,25,25,25	0
55	MG	AA	5270	1/1	0.97	0.06	47,47,47,47	0
55	MG	AA	4010	1/1	0.97	0.23	64,64,64,64	0
55	MG	CA	2967	1/1	0.97	0.16	73,73,73,73	0
55	MG	CS	201	1/1	0.97	0.07	44,44,44,44	0
55	MG	CA	3341	1/1	0.97	0.06	30,30,30,30	0
55	MG	AA	4146	1/1	0.97	0.09	73,73,73,73	0
55	MG	BA	2107	1/1	0.97	0.04	57,57,57,57	0
55	MG	CA	4206	1/1	0.97	0.14	57,57,57,57	0
55	MG	CA	2971	1/1	0.97	0.15	60,60,60,60	0
55	MG	CA	4208	1/1	0.97	0.19	68,68,68,68	0
55	MG	CA	3801	1/1	0.97	0.06	45,45,45,45	0
55	MG	CA	3047	1/1	0.97	0.11	48,48,48,48	0
55	MG	AA	4434	1/1	0.97	0.09	54,54,54,54	0
56	ZN	DN	101	1/1	0.97	0.05	94,94,94,94	0
55	MG	CA	3828	1/1	0.98	0.07	52,52,52,52	0
55	MG	AA	4444	1/1	0.98	0.03	23,23,23,23	0
55	MG	CA	3736	1/1	0.98	0.29	99,99,99,99	0
55	MG	DA	1941	1/1	0.98	0.08	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3420	1/1	0.98	0.06	43,43,43,43	0
55	MG	CA	3421	1/1	0.98	0.07	55,55,55,55	0
55	MG	AA	5125	1/1	0.98	0.07	45,45,45,45	0
55	MG	CA	3101	1/1	0.98	0.30	21,21,21,21	0
55	MG	AA	5219	1/1	0.98	0.07	79,79,79,79	0
55	MG	AA	4553	1/1	0.98	0.15	39,39,39,39	0
55	MG	CA	3743	1/1	0.98	0.09	58,58,58,58	0
55	MG	CA	3575	1/1	0.98	0.07	36,36,36,36	0
55	MG	CA	3354	1/1	0.98	0.36	52,52,52,52	0
55	MG	AA	4228	1/1	0.98	0.07	23,23,23,23	0
55	MG	AA	4892	1/1	0.98	0.08	45,45,45,45	0
55	MG	CA	3106	1/1	0.98	0.15	11,11,11,11	0
55	MG	CA	3230	1/1	0.98	0.06	21,21,21,21	0
55	MG	AA	5067	1/1	0.98	0.10	53,53,53,53	0
55	MG	BA	1953	1/1	0.98	0.15	24,24,24,24	0
55	MG	CA	4042	1/1	0.98	0.14	46,46,46,46	0
55	MG	CA	3662	1/1	0.98	0.39	76,76,76,76	0
55	MG	AA	4028	1/1	0.98	0.29	88,88,88,88	0
55	MG	CA	4148	1/1	0.98	0.10	43,43,43,43	0
55	MG	CA	3111	1/1	0.98	0.13	12,12,12,12	0
55	MG	BA	1955	1/1	0.98	0.04	24,24,24,24	0
55	MG	CA	3364	1/1	0.98	0.07	20,20,20,20	0
55	MG	CA	3174	1/1	0.98	0.08	23,23,23,23	0
55	MG	CA	3511	1/1	0.98	0.13	46,46,46,46	0
55	MG	AA	4230	1/1	0.98	0.07	19,19,19,19	0
55	MG	CA	3854	1/1	0.98	0.09	66,66,66,66	0
55	MG	AA	4182	1/1	0.98	0.16	17,17,17,17	0
55	MG	CA	2969	1/1	0.98	0.11	73,73,73,73	0
55	MG	AA	4070	1/1	0.98	0.10	60,60,60,60	0
55	MG	CA	3117	1/1	0.98	0.11	17,17,17,17	0
55	MG	BA	1753	1/1	0.98	0.07	39,39,39,39	0
55	MG	AA	4176	1/1	0.98	0.24	21,21,21,21	0
55	MG	AA	4205	1/1	0.98	0.14	18,18,18,18	0
55	MG	CA	4059	1/1	0.98	0.03	42,42,42,42	0
55	MG	CA	3308	1/1	0.98	0.09	25,25,25,25	0
55	MG	CA	4270	1/1	0.98	0.07	52,52,52,52	0
55	MG	CA	4271	1/1	0.98	0.05	29,29,29,29	0
55	MG	DA	1760	1/1	0.98	0.09	62,62,62,62	0
55	MG	AA	4585	1/1	0.98	0.15	72,72,72,72	0
55	MG	CA	3184	1/1	0.98	0.06	13,13,13,13	0
55	MG	AA	4219	1/1	0.98	0.05	16,16,16,16	0
55	MG	AA	4236	1/1	0.98	0.15	23,23,23,23	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	2930	1/1	0.98	0.22	92,92,92,92	0
55	MG	CA	3250	1/1	0.98	0.07	32,32,32,32	0
55	MG	CA	3315	1/1	0.98	0.17	29,29,29,29	0
55	MG	CA	3685	1/1	0.98	0.11	86,86,86,86	0
55	MG	AX	102	1/1	0.98	0.12	25,25,25,25	0
55	MG	CA	2932	1/1	0.98	0.09	58,58,58,58	0
55	MG	CA	3530	1/1	0.98	0.03	57,57,57,57	0
55	MG	CA	3318	1/1	0.98	0.07	29,29,29,29	0
55	MG	AA	4738	1/1	0.98	0.13	19,19,19,19	0
55	MG	CA	3691	1/1	0.98	0.13	49,49,49,49	0
55	MG	CA	3533	1/1	0.98	0.05	52,52,52,52	0
55	MG	CA	3386	1/1	0.98	0.06	43,43,43,43	0
55	MG	CA	3612	1/1	0.98	0.03	50,50,50,50	0
55	MG	CA	3785	1/1	0.98	0.12	69,69,69,69	0
55	MG	CA	3696	1/1	0.98	0.05	47,47,47,47	0
55	MG	AA	4931	1/1	0.98	0.04	41,41,41,41	0
55	MG	CA	3130	1/1	0.98	0.05	11,11,11,11	0
55	MG	CA	3131	1/1	0.98	0.16	31,31,31,31	0
55	MG	CA	3790	1/1	0.98	0.25	111,111,111,111	0
55	MG	CQ	203	1/1	0.98	0.15	80,80,80,80	0
55	MG	AA	4193	1/1	0.98	0.07	11,11,11,11	0
55	MG	BA	1924	1/1	0.98	0.06	53,53,53,53	0
55	MG	CA	3702	1/1	0.98	0.21	90,90,90,90	0
55	MG	AA	4005	1/1	0.98	0.23	64,64,64,64	0
55	MG	AA	4195	1/1	0.98	0.06	21,21,21,21	0
55	MG	CA	3988	1/1	0.98	0.11	24,24,24,24	0
55	MG	CA	4301	1/1	0.98	0.17	56,56,56,56	0
55	MG	BA	1691	1/1	0.98	0.06	20,20,20,20	0
55	MG	BA	1692	1/1	0.98	0.13	51,51,51,51	0
55	MG	BA	1806	1/1	0.98	0.04	56,56,56,56	0
55	MG	CA	3397	1/1	0.98	0.08	37,37,37,37	0
55	MG	CA	4094	1/1	0.98	0.04	39,39,39,39	0
55	MG	CA	3140	1/1	0.98	0.07	8,8,8,8	0
55	MG	AA	4172	1/1	0.98	0.18	14,14,14,14	0
55	MG	CA	3711	1/1	0.98	0.14	67,67,67,67	0
55	MG	CA	3400	1/1	0.98	0.04	32,32,32,32	0
55	MG	BA	1848	1/1	0.98	0.09	79,79,79,79	0
55	MG	AA	4743	1/1	0.98	0.06	59,59,59,59	0
55	MG	BA	1695	1/1	0.98	0.07	19,19,19,19	0
55	MG	CA	3146	1/1	0.98	0.17	24,24,24,24	0
55	MG	CA	3631	1/1	0.98	0.09	42,42,42,42	0
55	MG	DA	2025	1/1	0.98	0.03	40,40,40,40	0

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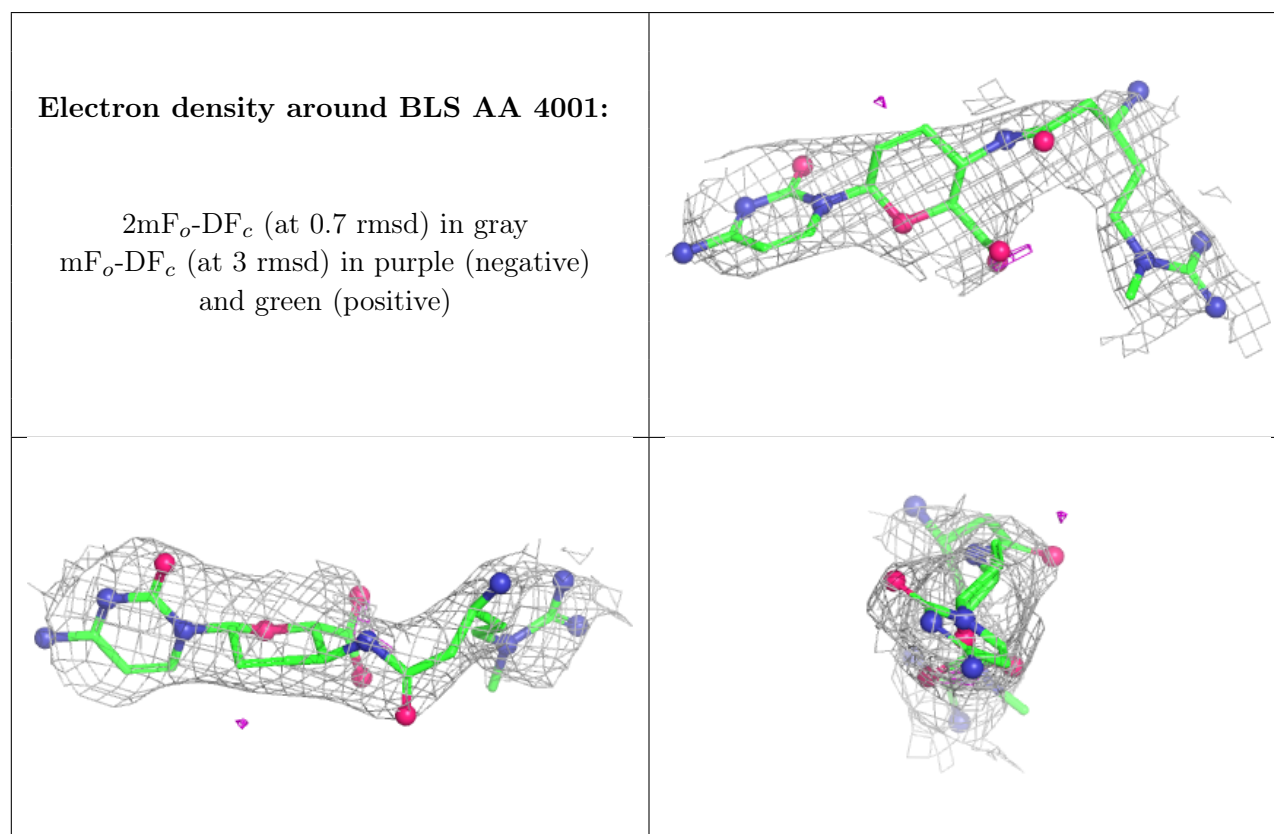
Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	AA	4381	1/1	0.98	0.15	79,79,79,79	0
55	MG	CA	3719	1/1	0.98	0.08	46,46,46,46	0
55	MG	BA	1771	1/1	0.98	0.07	29,29,29,29	0
55	MG	AA	4210	1/1	0.98	0.12	37,37,37,37	0
55	MG	AA	4522	1/1	0.98	0.07	76,76,76,76	0
55	MG	AA	4500	1/1	0.98	0.07	63,63,63,63	0
55	MG	CA	3410	1/1	0.98	0.08	44,44,44,44	0
55	MG	CA	4111	1/1	0.98	0.03	37,37,37,37	0
55	MG	AA	4179	1/1	0.98	0.14	14,14,14,14	0
55	MG	CA	4113	1/1	0.98	0.03	32,32,32,32	0
55	MG	CA	4114	1/1	0.98	0.10	50,50,50,50	0
55	MG	DA	2148	1/1	0.98	0.10	54,54,54,54	0
55	MG	CA	3484	1/1	0.98	0.12	49,49,49,49	0
55	MG	CA	3213	1/1	0.98	0.11	14,14,14,14	0
55	MG	AA	4056	1/1	0.98	0.15	87,87,87,87	0
55	MG	BA	1738	1/1	0.98	0.04	25,25,25,25	0
55	MG	AA	4503	1/1	0.98	0.08	48,48,48,48	0
55	MG	CA	3156	1/1	0.98	0.10	17,17,17,17	0
55	MG	CA	3823	1/1	0.98	0.16	81,81,81,81	0
55	MG	AA	4213	1/1	0.98	0.03	18,18,18,18	0
55	MG	AA	4367	1/1	0.98	0.05	35,35,35,35	0
55	MG	CA	3921	1/1	0.98	0.12	59,59,59,59	0
55	MG	CA	3826	1/1	0.98	0.10	61,61,61,61	0
56	ZN	BD	301	1/1	0.98	0.16	38,38,38,38	0
55	MG	CA	3734	1/1	0.98	0.12	43,43,43,43	0
55	MG	CA	3999	1/1	0.99	0.04	37,37,37,37	0
55	MG	AA	5079	1/1	0.99	0.24	53,53,53,53	0
55	MG	CA	4001	1/1	0.99	0.07	11,11,11,11	0
55	MG	CA	3108	1/1	0.99	0.10	8,8,8,8	0
55	MG	BA	1688	1/1	0.99	0.05	11,11,11,11	0
55	MG	CA	3164	1/1	0.99	0.06	9,9,9,9	0
55	MG	AA	4866	1/1	0.99	0.08	24,24,24,24	0
55	MG	CA	3136	1/1	0.99	0.06	14,14,14,14	0
55	MG	CA	3123	1/1	0.99	0.11	6,6,6,6	0
55	MG	BA	1951	1/1	0.99	0.03	29,29,29,29	0
55	MG	CA	3217	1/1	0.99	0.14	24,24,24,24	0
55	MG	AA	4201	1/1	0.99	0.05	15,15,15,15	0
55	MG	CA	3170	1/1	0.99	0.11	24,24,24,24	0
55	MG	CA	4204	1/1	0.99	0.08	49,49,49,49	0
55	MG	CA	3693	1/1	0.99	0.17	59,59,59,59	0
55	MG	CA	3220	1/1	0.99	0.04	12,12,12,12	0
55	MG	AA	4200	1/1	0.99	0.06	8,8,8,8	0

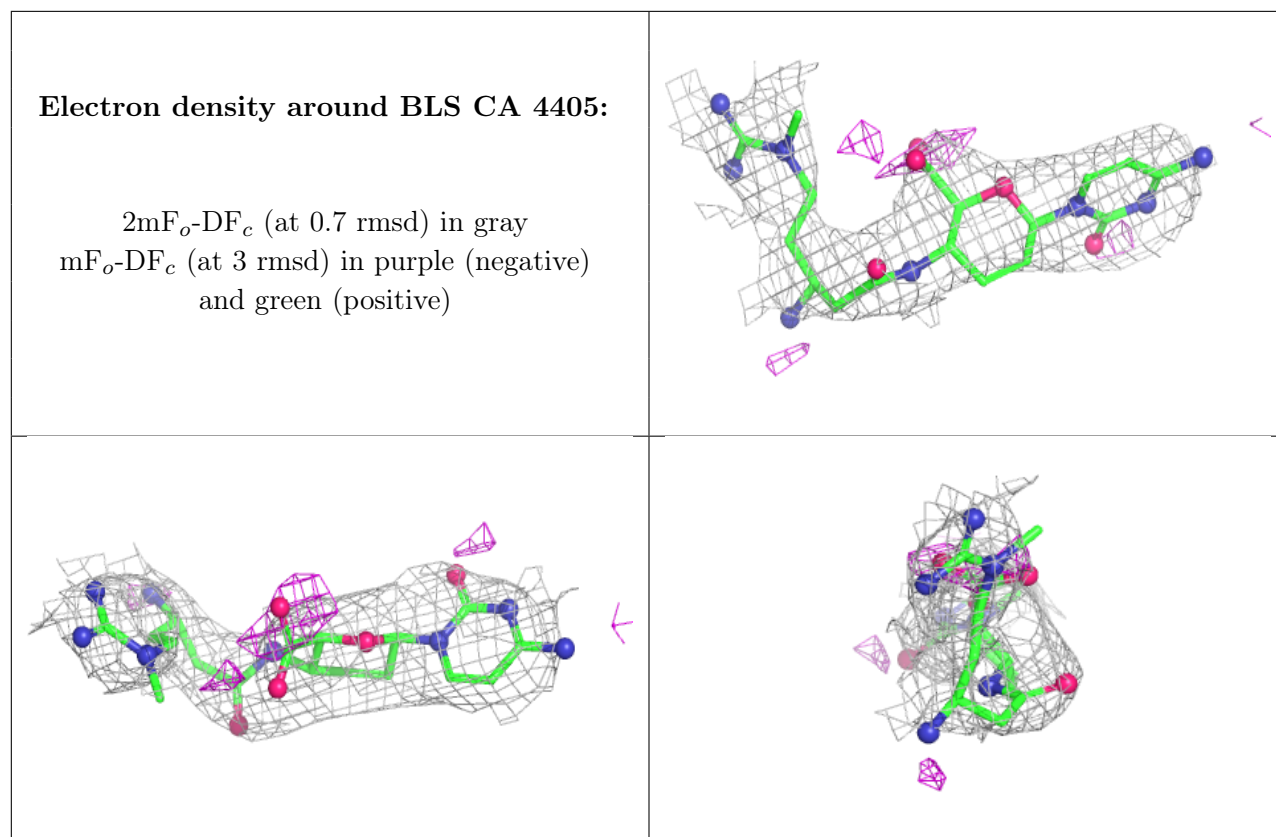
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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
55	MG	CA	3295	1/1	0.99	0.08	29,29,29,29	0
55	MG	AA	4977	1/1	0.99	0.03	33,33,33,33	0
55	MG	AA	4323	1/1	0.99	0.07	31,31,31,31	0
55	MG	CA	3093	1/1	0.99	0.07	69,69,69,69	0
55	MG	AA	4344	1/1	0.99	0.05	33,33,33,33	0
55	MG	AA	4251	1/1	0.99	0.07	27,27,27,27	0
55	MG	CA	3281	1/1	0.99	0.19	35,35,35,35	0
56	ZN	BN	101	1/1	0.99	0.04	76,76,76,76	0
56	ZN	DD	303	1/1	0.99	0.19	80,80,80,80	0
55	MG	CA	3976	1/1	0.99	0.02	14,14,14,14	0
55	MG	CA	3141	1/1	1.00	0.02	9,9,9,9	0

The following is a graphical depiction of the model fit to experimental electron density of all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the geometry validation Tables will also be included. Each fit is shown from different orientation to approximate a three-dimensional view.





5.5 Other polymers [i](#)

There are no such residues in this entry.