



wwPDB X-ray Structure Validation Summary Report ⓘ

Oct 29, 2024 – 12:03 PM JST

PDB ID : 8WV1
Title : Ambient Temperature Structure of 50S Ribosomal Subunit from *Thermus Thermophilus*
Authors : DeMirici, H.; Tosun, B.
Deposited on : 2023-10-22
Resolution : 3.99 Å (reported)

This is a wwPDB X-ray Structure Validation Summary Report for a publicly released PDB entry.

We welcome your comments at validation@mail.wwpdb.org

A user guide is available at

<https://www.wwpdb.org/validation/2017/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 : 4.02b-467
Mogul : 1.8.5 (274361), CSD as541be (2020)
Xtriage (Phenix) : 1.13
EDS : 3.0
Percentile statistics : 20231227.v01 (using entries in the PDB archive December 27th 2023)
CCP4 : 9.0.003 (Gargrove)
Density-Fitness : 1.0.11
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.39

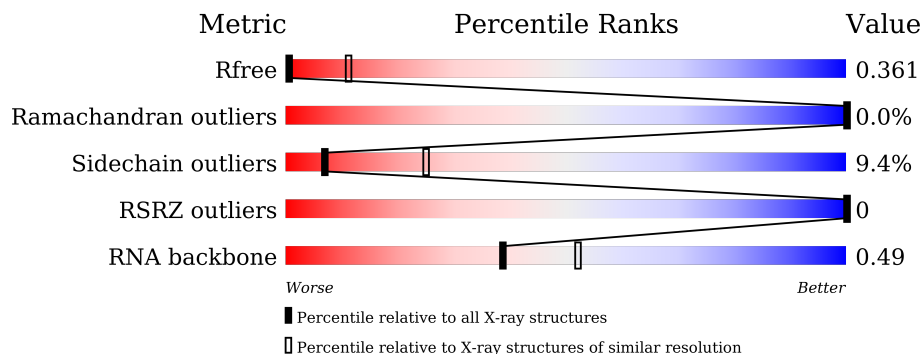
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 3.99 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.













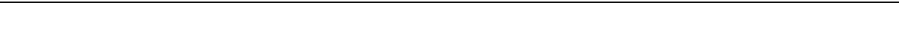

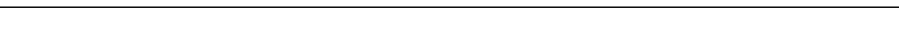
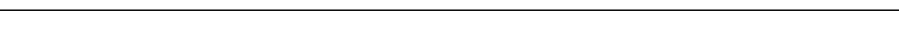


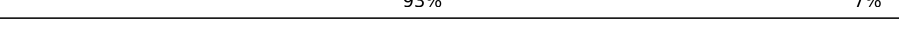

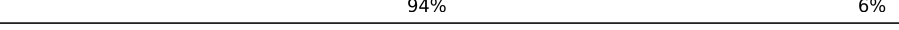
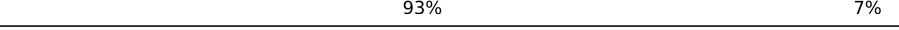





Metric	Whole archive (#Entries)	Similar resolution (#Entries, resolution range(Å))
R_{free}	164625	1028 (4.22-3.78)
Ramachandran outliers	177936	1004 (4.20-3.80)
Sidechain outliers	177891	1027 (4.22-3.78)
RSRZ outliers	164620	1029 (4.22-3.78)
RNA backbone	3690	1144 (5.00-3.00)

The table below summarises the geometric issues observed across the polymeric chains and their fit to the electron density. The red, orange, yellow and green segments of the lower bar indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria respectively. A grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions $\leq 5\%$. The upper red bar (where present) indicates the fraction of residues that have poor fit to the electron density. The numeric value is given above the bar.

Mol	Chain	Length	Quality of chain
1	A	2915	
1	a	2915	
2	B	122	
2	b	122	
3	C	276	
3	c	276	


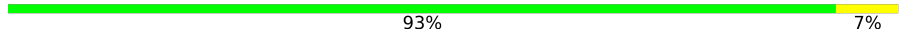



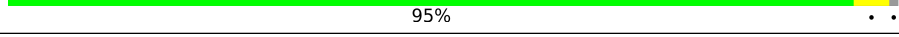
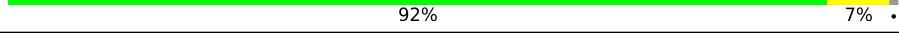
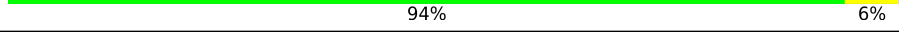
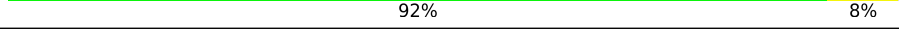
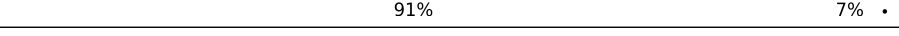
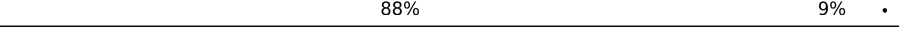
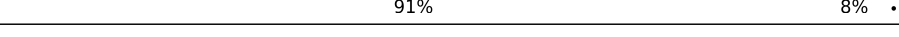
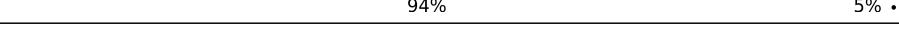
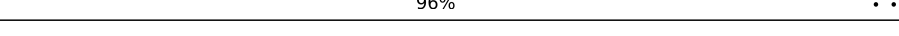


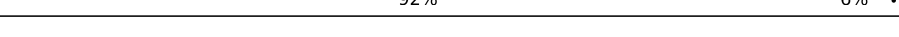

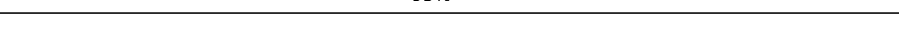






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Mol	Chain	Length	Quality of chain
4	D	206	 91% 8%
4	d	206	 91% 8%
5	E	210	 91% 6%
5	e	210	 89% 8%
6	F	182	 91% 8%
6	f	182	 92% 8%
7	G	180	 91% 6%
7	g	180	 91% 6%
8	H	148	 47% 51%
8	h	148	 38% 58%
9	I	140	 91% 9%
9	i	140	 91% 9%
10	J	122	 90% 10%
10	j	122	 91% 9%
11	K	150	 87% 12%
11	k	150	 93% 7%
12	L	141	 91% 9%
12	l	141	 94% 6%
13	M	118	 93% 7%
13	m	118	 91% 9%
14	N	112	 85% 13%
14	n	112	 92% 6%
15	O	146	 80% 10% 10%
15	o	146	 79% 10% 10%
16	P	118	 93% 5%

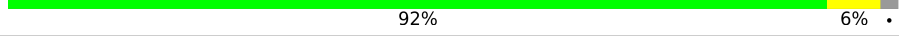
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Mol	Chain	Length	Quality of chain
16	p	118	 91% 8%
17	Q	101	 93% 7%
17	q	101	 89% 11%
18	R	113	 89% 10%
18	r	113	 89% 10%
19	S	96	 95%
19	s	96	 92% 7%
20	T	107	 94% 6%
20	t	107	 92% 8%
21	U	206	 91% 7%
21	u	206	 88% 9%
22	V	78	 91% 8%
22	v	78	 94% 5%
23	W	98	 96%
23	w	98	 90% 9%
24	X	72	 90% 7%
24	x	72	 92% 6%
25	Y	60	 90% 8%
25	y	60	 95%
26	Z	71	 59% 37%
26	z	71	 66% 30%
27	0	60	 88% 10%
27	5	60	 90% 8%
28	13	54	 91% 7%
28	6	54	 93% 6%

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Mol	Chain	Length	Quality of chain
29	2	49	 92% 6%
29	7	49	 88% 10%
30	3	65	 92% 6%
30	8	65	 92% 6%
31	4	37	 97%
31	9	37	 84% 16%

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
1	PSU	A	1933	X	-	-	-
1	5MU	A	1937	X	-	-	-
1	PSU	A	1939	X	-	-	-
1	4OC	A	1942	X	-	-	-
1	5MU	A	1961	X	-	-	-
1	5MC	A	1964	X	-	-	-
1	5MC	A	1984	X	-	-	-
1	2MA	A	2515	X	-	-	-
1	2MU	A	2564	X	-	-	-
1	PSU	A	2617	X	-	-	-
1	PSU	a	1933	X	-	-	-
1	5MU	a	1937	X	-	-	-
1	PSU	a	1939	X	-	-	-
1	4OC	a	1942	X	-	-	-
1	5MU	a	1961	X	-	-	-
1	5MC	a	1964	X	-	-	-
1	5MC	a	1984	X	-	-	-
1	2MA	a	2515	X	-	-	-
1	2MU	a	2564	X	-	-	-
1	PSU	a	2617	X	-	-	-

2 Entry composition [i](#)

There are 34 unique types of molecules in this entry. The entry contains 195873 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 rRNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	P			
1	A	2871	61845	27529	11569	19877	2870	0	0	0
1	a	2871	61845	27529	11569	19877	2870	0	0	0

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	P			
2	B	120	2572	1145	476	832	119	0	0	0
2	b	120	2572	1145	476	832	119	0	0	0

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
3	C	275	2131	1346	422	360	3	0	0	0
3	c	275	2131	1346	422	360	3	0	0	0

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
4	D	204	1559	985	298	270	6	0	0	0
4	d	204	1559	985	298	270	6	0	0	0

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
5	E	203	Total	C	N	O	S	0	0	1
			1584	1009	298	275	2			
5	e	203	Total	C	N	O	S	0	0	1
			1584	1009	298	275	2			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
6	F	181	Total	C	N	O	S	0	0	0
			1426	916	253	253	4			
6	f	181	Total	C	N	O	S	0	0	0
			1426	916	253	253	4			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
7	G	174	Total	C	N	O	S	0	0	0
			1330	845	248	236	1			
7	g	174	Total	C	N	O	S	0	0	0
			1330	845	248	236	1			

- Molecule 8 is a protein called Large ribosomal subunit protein bL9.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
8	H	73	Total	C	N	O	S	0	0	0
			555	351	101	102	1			
8	h	62	Total	C	N	O	S	0	0	0
			478	303	89	85	1			

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
H	70	GLU	LYS	conflict	UNP P27151
h	70	GLU	LYS	conflict	UNP P27151

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
9	I	140	Total	C	N	O	S	0	0	0
			1121	722	208	187	4			
9	i	140	Total	C	N	O	S	0	0	0
			1121	722	208	187	4			

- Molecule 10 is a protein called Large ribosomal subunit protein uL14.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
10	J	122	Total	C	N	O	S	0	0	0
			933	588	171	170	4			
10	j	122	Total	C	N	O	S	0	0	0
			933	588	171	170	4			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
11	K	149	Total	C	N	O	S	0	0	0
			1135	706	230	196	3			
11	k	149	Total	C	N	O	S	0	0	0
			1135	706	230	196	3			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
12	L	141	Total	C	N	O	S	0	0	0
			1122	715	212	188	7			
12	l	141	Total	C	N	O	S	0	0	0
			1122	715	212	188	7			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
13	M	118	Total	C	N	O	S	0	0	0
			968	604	203	160	1			
13	m	118	Total	C	N	O	S	0	0	0
			968	604	203	160	1			

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

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
14	N	110	Total	C	N	O	0	0	0
			877	553	175	149			
14	n	110	Total	C	N	O	0	0	0
			877	553	175	149			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
15	O	131	Total	C	N	O	S	0	0	0
			1091	680	225	185	1			
15	o	131	Total	C	N	O	S	0	0	0
			1091	680	225	185	1			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
16	P	116	Total	C	N	O	S	0	0	0
			959	608	201	149	1			
16	p	116	Total	C	N	O	S	0	0	0
			959	608	201	149	1			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
17	Q	101	Total	C	N	O	S	0	0	0
			775	498	141	135	1			
17	q	101	Total	C	N	O	S	0	0	0
			775	498	141	135	1			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
18	R	112	Total	C	N	O	S	0	0	0
			886	557	174	153	2			
18	r	112	Total	C	N	O	S	0	0	0
			886	557	174	153	2			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
19	S	95	Total	C	N	O	S	0	0	0
			750	488	135	126	1			
19	s	95	Total	C	N	O	S	0	0	0
			750	488	135	126	1			

- Molecule 20 is a protein called Large ribosomal subunit protein uL24.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
20	T	107	Total	C	N	O	S	0	0	0
			810	520	153	131	6			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
20	t	107	810	520	153	131	6	0	0	0

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
21	U	203	1587	1011	282	292	2	0	0	0
21	u	200	1560	995	278	285	2	0	0	0

- Molecule 22 is a protein called Large ribosomal subunit protein bL27.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
22	V	77	608	375	129	103	1	0	0	0
22	v	77	608	375	129	103	1	0	0	0

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
V	11	ARG	LYS	conflict	UNP A0A1J1EPZ8
v	11	ARG	LYS	conflict	UNP A0A1J1EPZ8

- Molecule 23 is a protein called Large ribosomal subunit protein bL28.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
23	W	97	754	475	148	130	1	0	0	0
23	w	97	754	475	148	130	1	0	0	0

- Molecule 24 is a protein called Large ribosomal subunit protein uL29.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
24	X	70	588	365	118	103	2	0	0	0
24	x	70	588	365	118	103	2	0	0	0

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

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
25	Y	59	Total	C	N	O	0	0	0
			469	298	90	81			
25	y	59	Total	C	N	O	0	0	0
			469	298	90	81			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
26	Z	45	Total	C	N	O	S	0	0	0
			344	221	56	62	5			
26	z	50	Total	C	N	O	S	0	0	0
			385	248	63	69	5			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
27	0	59	Total	C	N	O	S	0	0	0
			459	288	90	76	5			
27	5	59	Total	C	N	O	S	0	0	0
			459	288	90	76	5			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
28	13	53	Total	C	N	O	S	0	0	0
			453	281	91	77	4			
28	6	53	Total	C	N	O	S	0	0	0
			453	281	91	77	4			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
29	2	48	Total	C	N	O	S	0	0	0
			418	257	104	55	2			
29	7	48	Total	C	N	O	S	0	0	0
			418	257	104	55	2			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
30	3	64	Total	C	N	O	S	0	0	0
			517	331	102	82	2			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
30	8	64	517	331	102	82	2	0	0	0

- Molecule 31 is a protein called 50S ribosomal protein L36.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
31	4	37	307	188	68	47	4	0	0	0
31	9	37	307	188	68	47	4	0	0	0

- Molecule 32 is MAGNESIUM ION (three-letter code: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
32	A	1382	Total 1382	Mg 1382	0	0
32	B	37	Total 37	Mg 37	0	0
32	C	44	Total 44	Mg 44	0	0
32	D	8	Total 8	Mg 8	0	0
32	E	30	Total 30	Mg 30	0	0
32	F	5	Total 5	Mg 5	0	0
32	G	1	Total 1	Mg 1	0	0
32	H	8	Total 8	Mg 8	0	0
32	I	12	Total 12	Mg 12	0	0
32	J	9	Total 9	Mg 9	0	0
32	K	22	Total 22	Mg 22	0	0
32	L	9	Total 9	Mg 9	0	0
32	M	4	Total 4	Mg 4	0	0
32	O	10	Total 10	Mg 10	0	0

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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
32	P	7	Total Mg 7 7	0	0
32	Q	10	Total Mg 10 10	0	0
32	R	19	Total Mg 19 19	0	0
32	S	9	Total Mg 9 9	0	0
32	T	17	Total Mg 17 17	0	0
32	U	11	Total Mg 11 11	0	0
32	V	5	Total Mg 5 5	0	0
32	W	15	Total Mg 15 15	0	0
32	X	16	Total Mg 16 16	0	0
32	Y	1	Total Mg 1 1	0	0
32	0	7	Total Mg 7 7	0	0
32	13	2	Total Mg 2 2	0	0
32	2	11	Total Mg 11 11	0	0
32	3	2	Total Mg 2 2	0	0
32	a	1614	Total Mg 1614 1614	0	0
32	b	21	Total Mg 21 21	0	0
32	c	33	Total Mg 33 33	0	0
32	d	25	Total Mg 25 25	0	0
32	e	37	Total Mg 37 37	0	0
32	f	4	Total Mg 4 4	0	0
32	g	9	Total Mg 9 9	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
32	h	18	Total 18	Mg 18	0	0
32	i	26	Total 26	Mg 26	0	0
32	j	21	Total 21	Mg 21	0	0
32	k	20	Total 20	Mg 20	0	0
32	l	16	Total 16	Mg 16	0	0
32	m	19	Total 19	Mg 19	0	0
32	n	7	Total 7	Mg 7	0	0
32	o	31	Total 31	Mg 31	0	0
32	p	16	Total 16	Mg 16	0	0
32	q	30	Total 30	Mg 30	0	0
32	r	28	Total 28	Mg 28	0	0
32	s	10	Total 10	Mg 10	0	0
32	t	4	Total 4	Mg 4	0	0
32	u	25	Total 25	Mg 25	0	0
32	v	11	Total 11	Mg 11	0	0
32	w	10	Total 10	Mg 10	0	0
32	x	11	Total 11	Mg 11	0	0
32	y	9	Total 9	Mg 9	0	0
32	z	4	Total 4	Mg 4	0	0
32	5	7	Total 7	Mg 7	0	0
32	6	6	Total 6	Mg 6	0	0

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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
32	7	7	Total Mg 7 7	0	0
32	8	12	Total Mg 12 12	0	0
32	9	3	Total Mg 3 3	0	0

- Molecule 33 is ZINC ION (three-letter code: ZN) (formula: Zn).

Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
33	T	1	Total Zn 1 1	0	0
33	Z	1	Total Zn 1 1	0	0
33	0	1	Total Zn 1 1	0	0
33	13	1	Total Zn 1 1	0	0
33	4	1	Total Zn 1 1	0	0
33	t	1	Total Zn 1 1	0	0
33	z	1	Total Zn 1 1	0	0
33	5	1	Total Zn 1 1	0	0
33	6	1	Total Zn 1 1	0	0
33	9	1	Total Zn 1 1	0	0

- Molecule 34 is water.

Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
34	A	3514	Total O 3514 3514	0	0
34	B	142	Total O 142 142	0	0
34	C	84	Total O 84 84	0	0
34	D	37	Total O 37 37	0	0

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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
34	E	62	Total O 62 62	0	0
34	F	16	Total O 16 16	0	0
34	H	2	Total O 2 2	0	0
34	I	52	Total O 52 52	0	0
34	J	16	Total O 16 16	0	0
34	K	46	Total O 46 46	0	0
34	L	20	Total O 20 20	0	0
34	M	13	Total O 13 13	0	0
34	O	20	Total O 20 20	0	0
34	P	24	Total O 24 24	0	0
34	Q	4	Total O 4 4	0	0
34	R	43	Total O 43 43	0	0
34	S	19	Total O 19 19	0	0
34	T	28	Total O 28 28	0	0
34	U	26	Total O 26 26	0	0
34	V	24	Total O 24 24	0	0
34	W	61	Total O 61 61	0	0
34	X	28	Total O 28 28	0	0
34	Y	8	Total O 8 8	0	0
34	0	3	Total O 3 3	0	0
34	13	13	Total O 13 13	0	0

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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
34	2	26	Total O 26 26	0	0
34	3	3	Total O 3 3	0	0
34	a	4732	Total O 4732 4732	0	0
34	b	78	Total O 78 78	0	0
34	c	74	Total O 74 74	0	0
34	d	94	Total O 94 94	0	0
34	e	81	Total O 81 81	0	0
34	f	12	Total O 12 12	0	0
34	g	6	Total O 6 6	0	0
34	h	19	Total O 19 19	0	0
34	i	49	Total O 49 49	0	0
34	j	75	Total O 75 75	0	0
34	k	30	Total O 30 30	0	0
34	l	68	Total O 68 68	0	0
34	m	38	Total O 38 38	0	0
34	n	9	Total O 9 9	0	0
34	o	79	Total O 79 79	0	0
34	p	51	Total O 51 51	0	0
34	q	40	Total O 40 40	0	0
34	r	47	Total O 47 47	0	0
34	s	32	Total O 32 32	0	0

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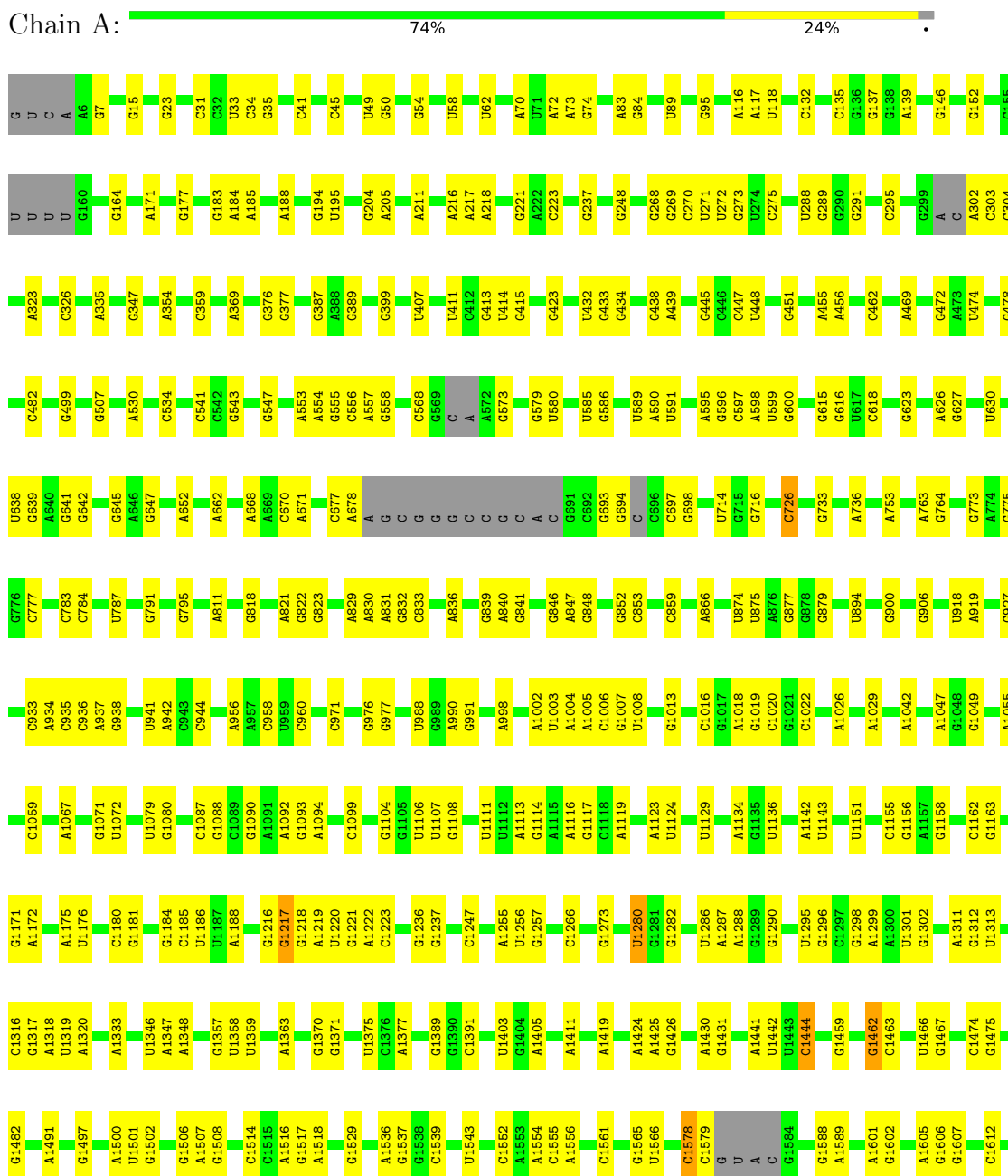
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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
34	t	22	Total O 22 22	0	0
34	u	80	Total O 80 80	0	0
34	v	46	Total O 46 46	0	0
34	w	32	Total O 32 32	0	0
34	x	43	Total O 43 43	0	0
34	y	20	Total O 20 20	0	0
34	5	10	Total O 10 10	0	0
34	6	16	Total O 16 16	0	0
34	7	11	Total O 11 11	0	0
34	8	15	Total O 15 15	0	0
34	9	10	Total O 10 10	0	0

3 Residue-property plots

These plots are drawn for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic for a chain summarises the proportions of the various outlier classes displayed in the second graphic. The second graphic shows the sequence view annotated by issues in geometry and electron density. Residues are color-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. A red dot above a residue indicates a poor fit to the electron density ($RSRZ > 2$). Stretches of 2 or more consecutive residues without any outlier are shown as a green connector. Residues present in the sample, but not in the model, are shown in grey.

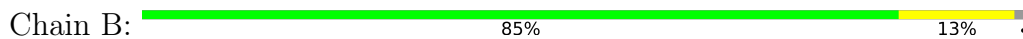
- Molecule 1: 23S rRNA



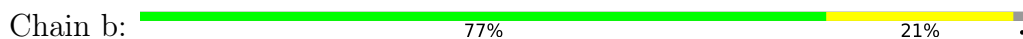
A2674	G2496	G2337	C2161	G2054	C1993	A1748	C1590	C1446	G1302	A1142	A1026	U874	U875	G710	U896
C2679	C2513	G2346	U2166	A2055	C1983	G1763	C1594	G1446	G1312	U1143	A1029	U875	U876	G715	G596
C2692	G2514	G2347	C2167	U2056	A1934	G1763	C1594	G1446	G1312	U1143	A1029	U875	U876	G715	G596
U2701	A2515	A2348	C2168	C2058	A1936	U1767	G1602	G1462	U1313	U1151	A1036	U879	U880	A717	G596
C2702	U2516	G2354	G2170	G2060	A1938	U1768	A1605	C1463	A1314	C1155	A1042	U880	U881	A722	G596
U2708	G2517	C2357	A2180	G2068	C1939	G1776	G1606	G1464	G1317	G1156	A1055	U881	U882	G733	G605
U2714	C2519	C2359	C2199	U2069	A1941	U1787	G1608	U1466	A1318	A1157	C1051	U882	U883	G733	G605
A2725	A2530	C2362	G2212	G2070	C1942	U1788	A1609	U1467	U1320	G1158	A1055	U884	U885	G742	G606
A2726	G2537	G2362	G2213	A2073	G1951	G1794	A1613	C1474	A1324	U1176	A1057	U885	U886	G751	A609
G2727	G2541	G2366	G2214	G2074	G1952	G1795	A1616	C1474	U1340	U1179	C1057	U886	U887	A752	A610
G2731	A2554	G2370	A2220	C2077	G1957	G1801	U1625	U1477	U1344	C1180	C1058	U887	U888	G762	A626
G2732	G2555	G2370	G2227	A2081	A1960	C1802	A1626	U1491	G1345	G1184	G1068	U888	U889	C767	U630
U2733	G2560	G2395	U2230	A2082	U1961	G1803	A1627	U1491	U1345	C1185	G1068	U889	U890	G770	U630
A2734	G2566	G2396	G2231	G2083	C1964	A1804	G1628	G1487	A1347	U1186	G1071	U890	U891	G773	G634
C2737	U2564	C2397	G2231	G2084	C1966	C1805	C1631	A1500	A1348	U1187	U1072	U891	U892	G773	G639
U2739	G2565	G2403	A2237	C2085	U1966	U1808	A1632	U1501	U1359	A1188	U1079	U892	U893	C777	G641
G2744	U2566	G2414	A2248	G2091	G1972	A1811	G1641	G1502	A1368	G1195	G1080	U893	U894	C778	G642
G2745	G2579	U2418	G2251	C2106	U1977	A1814	A1654	C1505	G1371	A1201	G1085	U894	U895	U787	A652
A2746	A2584	G2419	C2252	C2106	C1984	A1822	A1655	C1514	U1372	C935	C1087	U895	U896	G788	A652
A2751	G2588	G2426	U2261	G2115	C1986	U1822	A1656	A1518	U1375	G1209	C1088	U896	U897	G789	A652
G2757	G2590	U2434	G2262	U2121	G1986	G1831	G1659	G1525	U1381	G1216	C1089	U897	U898	G795	G667
A2761	G2593	U2435	G2264	U2124	C1989	C1835	A1664	G1529	U1387	G1218	A1092	U898	U899	A799	C670
A2762	G2595	U2436	G2265	C2125	A1992	A1846	C1677	G1529	U1387	A1219	G1093	U899	U900	A811	A671
A2763	G2611	A2437	C2266	G2126	A1993	G1847	A1678	C1539	G1390	U1220	A1093	U900	U901	G812	A671
A2770	A2612	G2440	G2276	C2129	A1994	G1848	A1681	U1543	U1393	U1222	U1106	U901	U902	G818	A678
G2774	C2613	G2441	A2280	C2130	C2001	G1859	A1688	C1544	C1396	C1241	U1111	U902	U903	G822	A
A2777	G2615	U2442	A2281	C2133	U2015	G1866	A1688	C1545	C1396	C1241	U1111	U903	U904	G822	C
A2778	U2616	U2443	A2281	C2133	U2016	C1867	A1688	C1545	C1396	C1241	U1111	U904	U905	G822	C
G2787	U2617	U2444	U2284	G2137	U2017	G1867	G1692	C1550	A1405	G1251	A1113	U905	U906	G823	C
A2789	G2618	U2445	C2295	G2138	G2018	G1873	G1693	A1554	A1406	G1251	A1113	U906	U907	A829	C
G2790	G2619	C2452	C2295	A2139	G2019	G1873	C1695	C1555	A1411	U1256	G1117	U907	U908	A830	C
A2791	G2620	G2452	A2299	U2140	G2023	G1878	G1700	A1556	A1411	U1256	G1117	U908	U909	A831	C
U2792	C2624	G2459	A2300	A2141	A2024	A1879	A1701	A1556	G1417	A1265	A1119	U909	U910	G832	C
A2803	G2642	U2461	A2303	G2145	A2035	A1890	G1721	G1572	G1426	C1270	C1121	U910	U911	A836	A
C2804	A2651	U2462	U2317	G2146	C2043	A1899	G1722	C1578	A1430	A998	C1121	U911	U912	C837	C
C2807	A2666	A2488	G2318	G2147	U2044	G1900	A1723	G	A1431	G1273	C1121	U912	U913	C838	A
G	A2803	C2489	G2319	G2148	G2045	G1906	C1738	A	G1435	G1282	C1122	U913	U914	C839	C
U	C2803	C2489	G2324	G2149	G2045	A1911	U1739	C	A1441	U1295	C1126	U914	U915	A840	C
C	A2866	C2489	U2324	G2153	G2049	G1918	U1740	G1584	A1441	U1296	C1126	U915	U916	G852	C
A	C2670	A2332	G2333	G2155	A2052	G1918	G1743	G1586	A1442	G1286	C1126	U916	U917	U858	A
		G2492	G2333	G2155	A2053	A1922	A1747	A1589	C1444	C1297	U1136	U917	U918	C859	A



- Molecule 2: 5S rRNA



- Molecule 2: 5S rRNA



- Molecule 3: 50S ribosomal protein L2



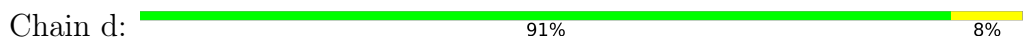
- Molecule 3: 50S ribosomal protein L2



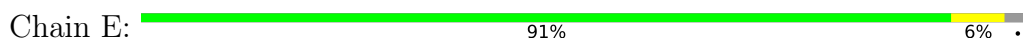
- Molecule 4: 50S ribosomal protein L3



- Molecule 4: 50S ribosomal protein L3

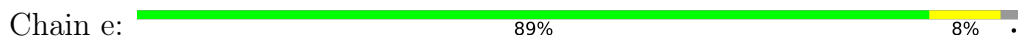


- Molecule 5: 50S ribosomal protein L4





- Molecule 5: 50S ribosomal protein L4



- Molecule 6: 50S ribosomal protein L5



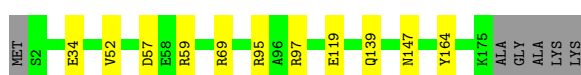
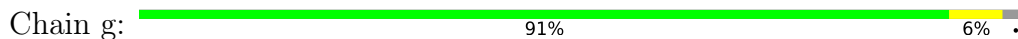
- Molecule 6: 50S ribosomal protein L5



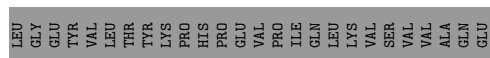
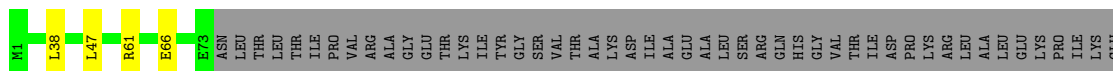
- Molecule 7: 50S ribosomal protein L6



- Molecule 7: 50S ribosomal protein L6

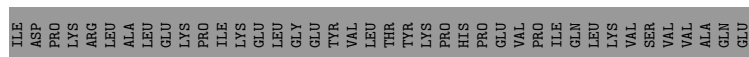
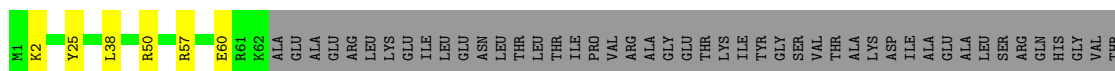


- Molecule 8: Large ribosomal subunit protein bL9




- Molecule 8: Large ribosomal subunit protein bL9

Chain h:  38% 58%



• Molecule 9: 50S ribosomal protein L13

Chain I:  91% 9%




• Molecule 9: 50S ribosomal protein L13

Chain i:  91% 9%




• Molecule 10: Large ribosomal subunit protein uL14

Chain J:  90% 10%




• Molecule 10: Large ribosomal subunit protein uL14

Chain j:  91% 9%



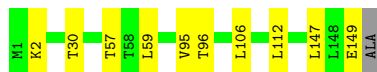
• Molecule 11: 50S ribosomal protein L15

Chain K:  87% 12%



• Molecule 11: 50S ribosomal protein L15

Chain k:  93% 7%



- Molecule 12: 50S ribosomal protein L16

Chain L:  91% 9%



- Molecule 12: 50S ribosomal protein L16

Chain l:  94% 6%



- Molecule 13: 50S ribosomal protein L17

Chain M:  93% 7%



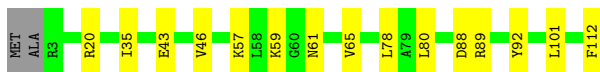
- Molecule 13: 50S ribosomal protein L17

Chain m:  91% 9%



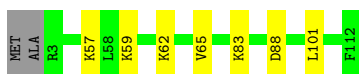
- Molecule 14: 50S ribosomal protein L18

Chain N:  85% 13%




- Molecule 14: 50S ribosomal protein L18

Chain n:  92% 6%




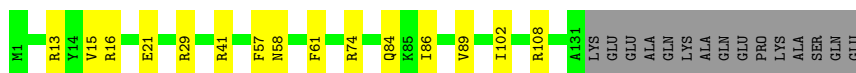
- Molecule 15: 50S ribosomal protein L19

Chain O:  80% 10% 10%



- Molecule 15: 50S ribosomal protein L19

Chain o:  79% 10% 10%




- Molecule 16: 50S ribosomal protein L20

Chain P:  93% 5%



- Molecule 16: 50S ribosomal protein L20

Chain p:  91% 8%




- Molecule 17: 50S ribosomal protein L21

Chain Q:  93% 7%




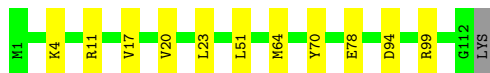
- Molecule 17: 50S ribosomal protein L21

Chain q:  89% 11%




- Molecule 18: 50S ribosomal protein L22

Chain R:  89% 10%



- Molecule 18: 50S ribosomal protein L22

Chain r:  89% 10%




- Molecule 19: 50S ribosomal protein L23

Chain S:  95%



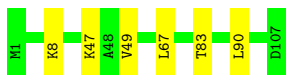
- Molecule 19: 50S ribosomal protein L23

Chain s:  92%




- Molecule 20: Large ribosomal subunit protein uL24

Chain T:  94%



- Molecule 20: Large ribosomal subunit protein uL24

Chain t:  92%




- Molecule 21: 50S ribosomal protein L25

Chain U:  91%



- Molecule 21: 50S ribosomal protein L25

Chain u:  88%



- Molecule 22: Large ribosomal subunit protein bL27

Chain V:  91%



- Molecule 22: Large ribosomal subunit protein bL27

Chain v:  94% 5%




- Molecule 23: Large ribosomal subunit protein bL28

Chain W:  96%



- Molecule 23: Large ribosomal subunit protein bL28

Chain w:  90% 9%



- Molecule 24: Large ribosomal subunit protein uL29

Chain X:  90% 7%




- Molecule 24: Large ribosomal subunit protein uL29

Chain x:  92% 6%



- Molecule 25: 50S ribosomal protein L30

Chain Y:  90% 8%



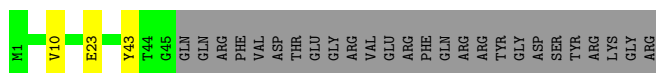
- Molecule 25: 50S ribosomal protein L30

Chain y:  95%



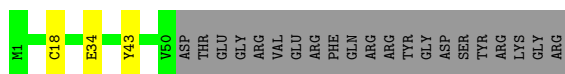
- Molecule 26: 50S ribosomal protein L31

Chain Z:  59% 37%




- Molecule 26: 50S ribosomal protein L31

Chain z:  66% 30%



- Molecule 27: 50S ribosomal protein L32

Chain 0:  88% 10%



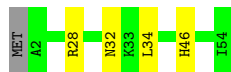
- Molecule 27: 50S ribosomal protein L32

Chain 5:  90% 8%



- Molecule 28: 50S ribosomal protein L33

Chain 13:  91% 7%



- Molecule 28: 50S ribosomal protein L33

Chain 6:  93% 6%




- Molecule 29: 50S ribosomal protein L34

Chain 2:  92% 6%



- Molecule 29: 50S ribosomal protein L34

Chain 7:  88% 10%



• Molecule 30: 50S ribosomal protein L35

Chain 3:  92% 6%



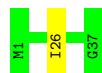
• Molecule 30: 50S ribosomal protein L35

Chain 8:  92% 6%




• Molecule 31: 50S ribosomal protein L36

Chain 4:  97%



• Molecule 31: 50S ribosomal protein L36

Chain 9:  84% 16%



4 Data and refinement statistics i

Property	Value	Source
Space group	P 41	Depositor
Cell constants a, b, c, α , β , γ	303.80Å 303.80Å 434.80Å 90.00° 90.00° 90.00°	Depositor
Resolution (Å)	30.00 – 3.99 30.00 – 3.99	Depositor EDS
% Data completeness (in resolution range)	86.1 (30.00-3.99) 86.1 (30.00-3.99)	Depositor EDS
R_{merge}	(Not available)	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	5.13 (at 3.98Å)	Xtrriage
Refinement program	PHENIX (1.11.1_2575: ???)	Depositor
R, R_{free}	0.296 , 0.362 0.298 , 0.361	Depositor DCC
R_{free} test set	284300 reflections (0.60%)	wwPDB-VP
Wilson B-factor (Å ²)	51.8	Xtrriage
Anisotropy	0.134	Xtrriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.10 , 162.5	EDS
L-test for twinning ²	$\langle L \rangle = 0.37$, $\langle L^2 \rangle = 0.19$	Xtrriage
Estimated twinning fraction	0.180 for h,-k,-l	Xtrriage
F_o, F_c correlation	0.78	EDS
Total number of atoms	195873	wwPDB-VP
Average B, all atoms (Å ²)	84.0	wwPDB-VP

Xtrriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.17% 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.

5 Model quality [i](#)

5.1 Standard geometry [i](#)

Bond lengths and bond angles in the following residue types are not validated in this section: PSU, ZN, 2MA, 2MU, 5MU, 5MC, 4OC, MG

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 $|Z| > 5$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# Z >5	RMSZ	# Z >5
1	A	0.21	0/69028	0.83	45/107742 (0.0%)
1	a	0.21	0/69028	0.83	29/107742 (0.0%)
2	B	0.23	0/2876	0.87	4/4486 (0.1%)
2	b	0.19	0/2876	0.82	2/4486 (0.0%)
3	C	0.24	0/2181	0.44	0/2940
3	c	0.25	0/2181	0.44	0/2940
4	D	0.24	0/1592	0.45	0/2149
4	d	0.25	0/1592	0.47	0/2149
5	E	0.23	0/1619	0.40	0/2193
5	e	0.24	0/1619	0.41	0/2193
6	F	0.24	0/1451	0.43	0/1961
6	f	0.25	0/1451	0.42	0/1961
7	G	0.25	0/1356	0.43	0/1834
7	g	0.24	0/1356	0.42	0/1834
8	H	0.23	0/559	0.41	0/754
8	h	0.24	0/482	0.45	0/650
9	I	0.23	0/1148	0.41	0/1547
9	i	0.23	0/1148	0.41	0/1547
10	J	0.26	0/943	0.46	0/1269
10	j	0.25	0/943	0.45	0/1269
11	K	0.26	0/1152	0.46	0/1533
11	k	0.25	0/1152	0.44	0/1533
12	L	0.26	0/1143	0.46	0/1527
12	l	0.29	0/1143	0.51	1/1527 (0.1%)
13	M	0.24	0/982	0.44	0/1312
13	m	0.22	0/982	0.42	0/1312
14	N	0.24	0/887	0.42	0/1180
14	n	0.24	0/887	0.41	0/1180
15	O	0.24	0/1105	0.43	0/1477
15	o	0.23	0/1105	0.43	0/1477
16	P	0.24	0/977	0.37	0/1301
16	p	0.24	0/977	0.37	0/1301

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# Z >5	RMSZ	# Z >5
17	Q	0.24	0/786	0.47	0/1053
17	q	0.24	0/786	0.45	0/1053
18	R	0.23	0/897	0.40	0/1205
18	r	0.24	0/897	0.44	0/1205
19	S	0.24	0/764	0.44	0/1025
19	s	0.24	0/764	0.45	0/1025
20	T	0.25	0/823	0.44	0/1099
20	t	0.24	0/823	0.44	0/1099
21	U	0.25	0/1620	0.45	0/2200
21	u	0.24	0/1593	0.43	0/2165
22	V	0.24	0/616	0.44	0/821
22	v	0.24	0/616	0.45	0/821
23	W	0.24	0/761	0.43	0/1013
23	w	0.24	0/761	0.44	0/1013
24	X	0.23	0/590	0.39	0/781
24	x	0.23	0/590	0.38	0/781
25	Y	0.23	0/474	0.42	0/635
25	y	0.26	0/474	0.41	0/635
26	Z	0.24	0/353	0.38	0/479
26	z	0.25	0/395	0.41	0/536
27	0	0.23	0/473	0.43	0/639
27	5	0.23	0/473	0.41	0/639
28	13	0.24	0/460	0.43	0/613
28	6	0.22	0/460	0.44	0/613
29	2	0.22	0/426	0.40	0/561
29	7	0.22	0/426	0.39	0/561
30	3	0.23	0/525	0.43	0/691
30	8	0.24	0/525	0.42	0/691
31	4	0.21	0/310	0.41	0/407
31	9	0.22	0/310	0.40	0/407
All	All	0.22	0/197692	0.75	81/296772 (0.0%)

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

Mol	Chain	#Chirality outliers	#Planarity outliers
1	A	20	0
1	a	20	0
6	F	0	1
6	f	0	1
All	All	40	2

There are no bond length outliers.

The worst 5 of 81 bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	A	146	G	N3-C4-N9	-8.30	121.02	126.00
1	A	2159	C	C2-N1-C1'	8.18	127.79	118.80
1	a	1359	U	C2-N1-C1'	7.75	127.00	117.70
1	A	2159	C	N1-C2-O2	7.70	123.52	118.90
1	a	894	U	C2-N1-C1'	7.41	126.60	117.70

5 of 40 chirality outliers are listed below:

Mol	Chain	Res	Type	Atom
1	A	1933	PSU	C1',C3',C2'
1	A	1937	5MU	C1'
1	A	1939	PSU	C1',C3',C2'
1	A	1942	4OC	C3',C2'
1	A	1961	5MU	C1'

All (2) planarity outliers are listed below:

Mol	Chain	Res	Type	Group
6	F	95	ARG	Peptide
6	f	95	ARG	Peptide

5.2 Too-close contacts [i](#)

Due to software issues we are unable to calculate clashes - this section is therefore empty.

5.3 Torsion angles [i](#)

5.3.1 Protein backbone [i](#)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

The Analysed column shows the number of residues for which the backbone conformation was analysed, and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles
3	C	273/276 (99%)	265 (97%)	8 (3%)	0	100 100

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
3	c	273/276 (99%)	267 (98%)	6 (2%)	0	100	100
4	D	202/206 (98%)	191 (95%)	11 (5%)	0	100	100
4	d	202/206 (98%)	193 (96%)	9 (4%)	0	100	100
5	E	201/210 (96%)	198 (98%)	3 (2%)	0	100	100
5	e	201/210 (96%)	196 (98%)	5 (2%)	0	100	100
6	F	179/182 (98%)	171 (96%)	8 (4%)	0	100	100
6	f	179/182 (98%)	171 (96%)	8 (4%)	0	100	100
7	G	172/180 (96%)	166 (96%)	6 (4%)	0	100	100
7	g	172/180 (96%)	167 (97%)	5 (3%)	0	100	100
8	H	71/148 (48%)	71 (100%)	0	0	100	100
8	h	60/148 (40%)	60 (100%)	0	0	100	100
9	I	138/140 (99%)	136 (99%)	2 (1%)	0	100	100
9	i	138/140 (99%)	135 (98%)	3 (2%)	0	100	100
10	J	120/122 (98%)	118 (98%)	2 (2%)	0	100	100
10	j	120/122 (98%)	113 (94%)	7 (6%)	0	100	100
11	K	147/150 (98%)	140 (95%)	7 (5%)	0	100	100
11	k	147/150 (98%)	140 (95%)	7 (5%)	0	100	100
12	L	139/141 (99%)	134 (96%)	4 (3%)	1 (1%)	19	55
12	l	139/141 (99%)	134 (96%)	4 (3%)	1 (1%)	19	55
13	M	116/118 (98%)	113 (97%)	3 (3%)	0	100	100
13	m	116/118 (98%)	114 (98%)	2 (2%)	0	100	100
14	N	108/112 (96%)	107 (99%)	1 (1%)	0	100	100
14	n	108/112 (96%)	104 (96%)	4 (4%)	0	100	100
15	O	129/146 (88%)	125 (97%)	4 (3%)	0	100	100
15	o	129/146 (88%)	122 (95%)	7 (5%)	0	100	100
16	P	114/118 (97%)	112 (98%)	2 (2%)	0	100	100
16	p	114/118 (97%)	114 (100%)	0	0	100	100
17	Q	99/101 (98%)	96 (97%)	3 (3%)	0	100	100
17	q	99/101 (98%)	95 (96%)	4 (4%)	0	100	100
18	R	110/113 (97%)	107 (97%)	3 (3%)	0	100	100
18	r	110/113 (97%)	109 (99%)	1 (1%)	0	100	100

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
19	S	93/96 (97%)	92 (99%)	1 (1%)	0	100	100
19	s	93/96 (97%)	91 (98%)	2 (2%)	0	100	100
20	T	105/107 (98%)	100 (95%)	5 (5%)	0	100	100
20	t	105/107 (98%)	100 (95%)	5 (5%)	0	100	100
21	U	201/206 (98%)	193 (96%)	7 (4%)	1 (0%)	25	61
21	u	198/206 (96%)	191 (96%)	7 (4%)	0	100	100
22	V	75/78 (96%)	72 (96%)	3 (4%)	0	100	100
22	v	75/78 (96%)	73 (97%)	2 (3%)	0	100	100
23	W	95/98 (97%)	93 (98%)	2 (2%)	0	100	100
23	w	95/98 (97%)	94 (99%)	1 (1%)	0	100	100
24	X	68/72 (94%)	67 (98%)	1 (2%)	0	100	100
24	x	68/72 (94%)	68 (100%)	0	0	100	100
25	Y	57/60 (95%)	56 (98%)	1 (2%)	0	100	100
25	y	57/60 (95%)	56 (98%)	1 (2%)	0	100	100
26	Z	43/71 (61%)	40 (93%)	3 (7%)	0	100	100
26	z	48/71 (68%)	46 (96%)	2 (4%)	0	100	100
27	0	57/60 (95%)	52 (91%)	5 (9%)	0	100	100
27	5	57/60 (95%)	54 (95%)	3 (5%)	0	100	100
28	13	51/54 (94%)	51 (100%)	0	0	100	100
28	6	51/54 (94%)	50 (98%)	1 (2%)	0	100	100
29	2	46/49 (94%)	45 (98%)	1 (2%)	0	100	100
29	7	46/49 (94%)	45 (98%)	1 (2%)	0	100	100
30	3	62/65 (95%)	61 (98%)	1 (2%)	0	100	100
30	8	62/65 (95%)	59 (95%)	3 (5%)	0	100	100
31	4	35/37 (95%)	35 (100%)	0	0	100	100
31	9	35/37 (95%)	35 (100%)	0	0	100	100
All	All	6603/7032 (94%)	6403 (97%)	197 (3%)	3 (0%)	100	100

All (3) Ramachandran outliers are listed below:

Mol	Chain	Res	Type
12	l	59	ARG
12	L	59	ARG

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Mol	Chain	Res	Type
21	U	53	ILE

5.3.2 Protein sidechains [i](#)

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

The Analysed column shows the number of residues for which the sidechain conformation was analysed, and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
3	C	214/218 (98%)	200 (94%)	14 (6%)	14	37
3	c	214/218 (98%)	196 (92%)	18 (8%)	9	31
4	D	164/166 (99%)	148 (90%)	16 (10%)	6	23
4	d	164/166 (99%)	147 (90%)	17 (10%)	5	22
5	E	160/166 (96%)	148 (92%)	12 (8%)	11	33
5	e	160/166 (96%)	144 (90%)	16 (10%)	6	23
6	F	144/156 (92%)	130 (90%)	14 (10%)	6	24
6	f	144/156 (92%)	131 (91%)	13 (9%)	8	27
7	G	144/148 (97%)	134 (93%)	10 (7%)	13	36
7	g	144/148 (97%)	133 (92%)	11 (8%)	11	33
8	H	55/124 (44%)	51 (93%)	4 (7%)	11	34
8	h	49/124 (40%)	43 (88%)	6 (12%)	4	19
9	I	119/119 (100%)	107 (90%)	12 (10%)	6	23
9	i	119/119 (100%)	106 (89%)	13 (11%)	5	21
10	J	100/100 (100%)	88 (88%)	12 (12%)	4	19
10	j	100/100 (100%)	89 (89%)	11 (11%)	5	21
11	K	115/116 (99%)	97 (84%)	18 (16%)	2	14
11	k	115/116 (99%)	105 (91%)	10 (9%)	8	29
12	L	111/111 (100%)	99 (89%)	12 (11%)	5	22
12	l	111/111 (100%)	103 (93%)	8 (7%)	12	35
13	M	101/101 (100%)	93 (92%)	8 (8%)	10	33
13	m	101/101 (100%)	90 (89%)	11 (11%)	5	21
14	N	87/88 (99%)	72 (83%)	15 (17%)	1	11

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
14	n	87/88 (99%)	80 (92%)	7 (8%)	10	32
15	O	115/127 (91%)	101 (88%)	14 (12%)	4	19
15	o	115/127 (91%)	100 (87%)	15 (13%)	3	17
16	P	93/94 (99%)	87 (94%)	6 (6%)	14	37
16	p	93/94 (99%)	84 (90%)	9 (10%)	6	24
17	Q	81/82 (99%)	74 (91%)	7 (9%)	8	30
17	q	81/82 (99%)	70 (86%)	11 (14%)	3	17
18	R	90/92 (98%)	79 (88%)	11 (12%)	4	19
18	r	90/92 (98%)	79 (88%)	11 (12%)	4	19
19	S	77/78 (99%)	73 (95%)	4 (5%)	19	43
19	s	77/78 (99%)	70 (91%)	7 (9%)	7	26
20	T	86/88 (98%)	80 (93%)	6 (7%)	12	35
20	t	86/88 (98%)	77 (90%)	9 (10%)	5	22
21	U	169/179 (94%)	155 (92%)	14 (8%)	9	31
21	u	166/179 (93%)	148 (89%)	18 (11%)	5	22
22	V	61/62 (98%)	55 (90%)	6 (10%)	6	23
22	v	61/62 (98%)	57 (93%)	4 (7%)	14	37
23	W	79/83 (95%)	76 (96%)	3 (4%)	28	51
23	w	79/83 (95%)	70 (89%)	9 (11%)	4	20
24	X	65/67 (97%)	60 (92%)	5 (8%)	10	33
24	x	65/67 (97%)	61 (94%)	4 (6%)	15	38
25	Y	51/52 (98%)	46 (90%)	5 (10%)	6	23
25	y	51/52 (98%)	49 (96%)	2 (4%)	27	50
26	Z	39/63 (62%)	36 (92%)	3 (8%)	10	33
26	z	43/63 (68%)	40 (93%)	3 (7%)	12	35
27	0	51/52 (98%)	45 (88%)	6 (12%)	4	19
27	5	51/52 (98%)	46 (90%)	5 (10%)	6	23
28	13	51/52 (98%)	47 (92%)	4 (8%)	10	33
28	6	51/52 (98%)	48 (94%)	3 (6%)	16	40
29	2	41/42 (98%)	38 (93%)	3 (7%)	11	34
29	7	41/42 (98%)	36 (88%)	5 (12%)	4	19

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
30	3	54/55 (98%)	50 (93%)	4 (7%)	11	34
30	8	54/55 (98%)	50 (93%)	4 (7%)	11	34
31	4	34/34 (100%)	33 (97%)	1 (3%)	37	58
31	9	34/34 (100%)	28 (82%)	6 (18%)	1	10
All	All	5497/5830 (94%)	4982 (91%)	515 (9%)	7	25

5 of 515 residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
21	u	118	GLN
23	w	20	ARG
21	u	100	VAL
20	T	90	LEU
20	T	8	LYS

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. 5 of 9 such sidechains are listed below:

Mol	Chain	Res	Type
25	y	32	GLN
27	5	23	HIS
6	f	130	ASN
12	l	45	GLN
16	p	94	ASN

5.3.3 RNA [i](#)

Mol	Chain	Analysed	Backbone Outliers	Pucker Outliers
1	A	2860/2915 (98%)	691 (24%)	31 (1%)
1	a	2859/2915 (98%)	674 (23%)	0
2	B	119/122 (97%)	14 (11%)	0
2	b	119/122 (97%)	24 (20%)	0
All	All	5957/6074 (98%)	1403 (23%)	31 (0%)

5 of 1403 RNA backbone outliers are listed below:

Mol	Chain	Res	Type
1	A	7	G
1	A	15	G

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Mol	Chain	Res	Type
1	A	23	G
1	A	31	C
1	A	33	U

5 of 31 RNA pucker outliers are listed below:

Mol	Chain	Res	Type
1	A	1536	A
1	A	2617	PSU
1	A	1933	PSU
1	A	2769	U
1	A	2450	U

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

20 non-standard protein/DNA/RNA residues are modelled in this entry.

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
1	PSU	a	1939	1	18,21,22	2.25	7 (38%)	22,30,33	1.79	3 (13%)
1	4OC	a	1942	1	19,22,24	1.78	4 (21%)	26,31,35	1.23	5 (19%)
1	5MC	a	1984	1	18,22,23	1.95	4 (22%)	26,32,35	1.22	2 (7%)
1	2MU	a	2564	1	19,22,24	4.96	14 (73%)	26,31,36	2.40	10 (38%)
1	5MU	a	1937	1	19,22,23	1.95	7 (36%)	28,32,35	2.20	6 (21%)
1	5MC	A	1984	1	18,22,23	1.85	4 (22%)	26,32,35	1.19	1 (3%)
1	PSU	A	1939	1	18,21,22	2.30	7 (38%)	22,30,33	1.69	3 (13%)
1	2MA	a	2515	1,32	17,25,26	1.40	2 (11%)	17,37,40	1.16	2 (11%)
1	PSU	a	1933	1	18,21,22	2.33	7 (38%)	22,30,33	1.73	3 (13%)
1	5MU	A	1937	1	19,22,23	1.98	7 (36%)	28,32,35	2.25	6 (21%)
1	PSU	A	2617	1	18,21,22	2.32	6 (33%)	22,30,33	1.71	3 (13%)
1	5MC	a	1964	1	18,22,23	1.85	4 (22%)	26,32,35	1.26	3 (11%)
1	PSU	A	1933	1	18,21,22	2.35	7 (38%)	22,30,33	1.71	4 (18%)

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
1	5MU	a	1961	1	19,22,23	1.95	7 (36%)	28,32,35	2.31	8 (28%)
1	4OC	A	1942	1	19,22,24	1.79	4 (21%)	26,31,35	1.23	4 (15%)
1	2MU	A	2564	1,32	19,22,24	4.97	13 (68%)	26,31,36	2.17	9 (34%)
1	5MC	A	1964	1,32	18,22,23	1.86	4 (22%)	26,32,35	1.21	1 (3%)
1	5MU	A	1961	1	19,22,23	1.97	7 (36%)	28,32,35	2.28	8 (28%)
1	PSU	a	2617	1	18,21,22	2.30	7 (38%)	22,30,33	1.78	3 (13%)
1	2MA	A	2515	1,32	17,25,26	1.42	2 (11%)	17,37,40	1.18	2 (11%)

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
1	PSU	a	1939	1	3/3/5/5	2/7/25/26	0/2/2/2
1	4OC	a	1942	1	2/2/5/6	3/9/27/30	0/2/2/2
1	5MC	a	1984	1	2/2/5/5	2/7/25/26	0/2/2/2
1	2MU	a	2564	1	2/2/5/5	5/9/27/28	0/2/2/2
1	5MU	a	1937	1	1/1/5/5	0/7/25/26	0/2/2/2
1	5MC	A	1984	1	2/2/5/5	2/7/25/26	0/2/2/2
1	PSU	A	1939	1	3/3/5/5	4/7/25/26	0/2/2/2
1	2MA	a	2515	1,32	1/1/5/5	2/3/25/26	0/3/3/3
1	PSU	a	1933	1	3/3/5/5	5/7/25/26	0/2/2/2
1	5MU	A	1937	1	1/1/5/5	0/7/25/26	0/2/2/2
1	PSU	A	2617	1	3/3/5/5	7/7/25/26	0/2/2/2
1	5MC	a	1964	1	2/2/5/5	0/7/25/26	0/2/2/2
1	PSU	A	1933	1	3/3/5/5	5/7/25/26	0/2/2/2
1	5MU	a	1961	1	1/1/5/5	5/7/25/26	0/2/2/2
1	4OC	A	1942	1	2/2/5/6	2/9/27/30	0/2/2/2
1	2MU	A	2564	1,32	2/2/5/5	5/9/27/28	0/2/2/2
1	5MC	A	1964	1,32	2/2/5/5	2/7/25/26	0/2/2/2
1	5MU	A	1961	1	1/1/5/5	2/7/25/26	0/2/2/2
1	PSU	a	2617	1	3/3/5/5	6/7/25/26	0/2/2/2
1	2MA	A	2515	1,32	1/1/5/5	1/3/25/26	0/3/3/3

The worst 5 of 124 bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
1	a	2564	2MU	O4-C4	11.34	1.46	1.24
1	A	2564	2MU	O4-C4	11.33	1.46	1.24
1	A	2564	2MU	C3'-C4'	-9.15	1.29	1.53
1	a	2564	2MU	C2'-C1'	-9.09	1.29	1.53
1	A	2564	2MU	C2'-C1'	-9.07	1.29	1.53

The worst 5 of 86 bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	A	1961	5MU	N3-C2-N1	5.62	122.35	114.89
1	a	1937	5MU	N3-C2-N1	5.61	122.34	114.89
1	a	1939	PSU	N1-C2-N3	5.51	121.37	115.13
1	a	2617	PSU	N1-C2-N3	5.50	121.36	115.13
1	a	1961	5MU	N3-C2-N1	5.42	122.08	114.89

5 of 40 chirality outliers are listed below:

Mol	Chain	Res	Type	Atom
1	A	1933	PSU	C1'
1	A	1933	PSU	C3'
1	A	1933	PSU	C2'
1	A	1937	5MU	C1'
1	A	1939	PSU	C1'

5 of 60 torsion outliers are listed below:

Mol	Chain	Res	Type	Atoms
1	A	1933	PSU	C2'-C1'-C5-C4
1	A	1933	PSU	C2'-C1'-C5-C6
1	A	1933	PSU	C3'-C4'-C5'-O5'
1	A	1933	PSU	O4'-C4'-C5'-O5'
1	A	1939	PSU	C2'-C1'-C5-C4

There are no ring outliers.

No monomer is involved in short contacts.

5.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

5.6 Ligand geometry [i](#)

Of 3817 ligands modelled in this entry, 3817 are monoatomic - leaving 0 for Mogul analysis.

There are no bond length outliers.

There are no bond angle outliers.

There are no chirality outliers.

There are no torsion outliers.

There are no ring outliers.

No monomer is involved in short contacts.

5.7 Other polymers [i](#)

There are no such residues in this entry.

5.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

6 Fit of model and data [i](#)

6.1 Protein, DNA and RNA chains [i](#)

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	A	2861/2915 (98%)	-1.67	0 100 100	28, 68, 248, 600	0
1	a	2861/2915 (98%)	-1.66	0 100 100	26, 68, 245, 534	0
2	B	120/122 (98%)	-1.67	0 100 100	45, 103, 164, 217	0
2	b	120/122 (98%)	-1.63	0 100 100	55, 106, 173, 207	0
3	C	275/276 (99%)	-1.45	0 100 100	23, 51, 109, 136	0
3	c	275/276 (99%)	-1.48	0 100 100	26, 50, 111, 144	0
4	D	204/206 (99%)	-1.52	0 100 100	17, 44, 93, 144	0
4	d	204/206 (99%)	-1.46	0 100 100	10, 44, 95, 125	0
5	E	203/210 (96%)	-1.47	0 100 100	17, 62, 126, 155	0
5	e	203/210 (96%)	-1.49	0 100 100	23, 62, 118, 159	0
6	F	181/182 (99%)	-1.36	0 100 100	68, 132, 204, 233	0
6	f	181/182 (99%)	-1.39	0 100 100	71, 154, 216, 260	0
7	G	174/180 (96%)	-1.50	0 100 100	23, 76, 131, 204	0
7	g	174/180 (96%)	-1.50	0 100 100	35, 74, 124, 161	0
8	H	73/148 (49%)	-1.52	0 100 100	74, 112, 194, 314	0
8	h	62/148 (41%)	-1.52	0 100 100	68, 104, 182, 266	0
9	I	140/140 (100%)	-1.52	0 100 100	12, 49, 105, 143	0
9	i	140/140 (100%)	-1.54	0 100 100	22, 49, 109, 160	0
10	J	122/122 (100%)	-1.56	0 100 100	10, 35, 87, 126	0
10	j	122/122 (100%)	-1.47	0 100 100	21, 45, 92, 139	0
11	K	149/150 (99%)	-1.44	0 100 100	29, 59, 119, 148	0
11	k	149/150 (99%)	-1.47	0 100 100	11, 60, 127, 173	0
12	L	141/141 (100%)	-1.44	0 100 100	14, 61, 116, 148	0
12	l	141/141 (100%)	-1.46	0 100 100	12, 47, 116, 161	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
13	M	118/118 (100%)	-1.48	0 100 100	14, 44, 86, 108	0
13	m	118/118 (100%)	-1.45	0 100 100	13, 44, 110, 148	0
14	N	110/112 (98%)	-1.45	0 100 100	39, 86, 141, 194	0
14	n	110/112 (98%)	-1.48	0 100 100	36, 78, 124, 193	0
15	O	131/146 (89%)	-1.56	0 100 100	25, 53, 106, 135	0
15	o	131/146 (89%)	-1.58	0 100 100	17, 40, 93, 166	0
16	P	116/118 (98%)	-1.54	0 100 100	22, 48, 100, 115	0
16	p	116/118 (98%)	-1.49	0 100 100	6, 44, 92, 109	0
17	Q	101/101 (100%)	-1.53	0 100 100	42, 56, 106, 142	0
17	q	101/101 (100%)	-1.54	0 100 100	13, 53, 102, 150	0
18	R	112/113 (99%)	-1.53	0 100 100	20, 49, 101, 136	0
18	r	112/113 (99%)	-1.52	0 100 100	22, 49, 108, 147	0
19	S	95/96 (98%)	-1.51	0 100 100	19, 54, 108, 160	0
19	s	95/96 (98%)	-1.45	0 100 100	22, 50, 117, 151	0
20	T	107/107 (100%)	-1.52	0 100 100	32, 93, 152, 204	0
20	t	107/107 (100%)	-1.48	0 100 100	41, 84, 158, 221	0
21	U	203/206 (98%)	-1.52	0 100 100	33, 72, 128, 170	0
21	u	200/206 (97%)	-1.49	0 100 100	26, 83, 151, 203	0
22	V	77/78 (98%)	-1.41	0 100 100	26, 64, 113, 153	0
22	v	77/78 (98%)	-1.41	0 100 100	26, 70, 132, 142	0
23	W	97/98 (98%)	-1.49	0 100 100	23, 63, 132, 156	0
23	w	97/98 (98%)	-1.52	0 100 100	13, 47, 101, 130	0
24	X	70/72 (97%)	-1.60	0 100 100	30, 59, 118, 133	0
24	x	70/72 (97%)	-1.50	0 100 100	31, 66, 130, 153	0
25	Y	59/60 (98%)	-1.53	0 100 100	21, 72, 160, 249	0
25	y	59/60 (98%)	-1.51	0 100 100	18, 60, 154, 171	0
26	Z	45/71 (63%)	-1.43	0 100 100	89, 181, 265, 271	0
26	z	50/71 (70%)	-1.47	0 100 100	85, 195, 265, 300	0
27	0	59/60 (98%)	-1.49	0 100 100	11, 40, 99, 129	0
27	5	59/60 (98%)	-1.48	0 100 100	20, 53, 98, 121	0
28	13	53/54 (98%)	-1.53	0 100 100	44, 63, 135, 159	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
28	6	53/54 (98%)	-1.57	0	33, 74, 126, 168	0
29	2	48/49 (97%)	-1.42	0	25, 49, 89, 120	0
29	7	48/49 (97%)	-1.47	0	16, 47, 88, 130	0
30	3	64/65 (98%)	-1.50	0	24, 57, 118, 160	0
30	8	64/65 (98%)	-1.44	0	30, 59, 114, 145	0
31	4	37/37 (100%)	-1.44	0	48, 77, 133, 197	0
31	9	37/37 (100%)	-1.42	0	12, 61, 126, 131	0
All	All	12681/13106 (96%)	-1.57	0	6, 66, 178, 600	0

There are no RSRZ outliers to report.

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

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
1	PSU	A	1939	20/21	0.97	0.06	229,236,241,242	0
1	5MU	A	1937	21/22	0.98	0.04	196,197,197,198	0
1	4OC	A	1942	21/23	0.98	0.04	230,234,236,236	0
1	PSU	a	1933	20/21	0.98	0.04	184,187,194,200	0
1	5MU	a	1937	21/22	0.98	0.05	236,245,248,249	0
1	PSU	a	1939	20/21	0.98	0.03	199,210,212,213	0
1	4OC	a	1942	21/23	0.98	0.04	218,221,227,227	0
1	PSU	A	1933	20/21	0.99	0.04	164,166,170,176	0
1	5MC	A	1964	21/22	0.99	0.03	62,70,72,72	0
1	5MC	A	1984	21/22	0.99	0.04	57,62,64,81	0
1	PSU	A	2617	20/21	0.99	0.04	52,56,57,57	0
1	5MU	a	1961	21/22	0.99	0.05	45,46,47,47	0
1	5MC	a	1964	21/22	0.99	0.03	62,63,65,65	0
1	5MC	a	1984	21/22	0.99	0.03	65,73,76,78	0
1	2MA	a	2515	23/24	0.99	0.03	37,37,38,38	0
1	2MU	a	2564	21/23	0.99	0.04	56,64,66,66	0
1	PSU	a	2617	20/21	0.99	0.04	38,38,39,40	0
1	2MU	A	2564	21/23	1.00	0.04	41,41,41,41	0
1	5MU	A	1961	21/22	1.00	0.04	34,35,36,39	0
1	2MA	A	2515	23/24	1.00	0.03	43,43,44,44	0

6.3 Carbohydrates [i](#)

There are no monosaccharides in this entry.

6.4 Ligands [i](#)

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(\AA^2)	Q<0.9
32	MG	a	4392	1/1	0.50	0.01	25,25,25,25	0
32	MG	A	3661	1/1	0.83	0.12	8,8,8,8	0
32	MG	A	3790	1/1	0.91	0.05	2,2,2,2	0
32	MG	A	3706	1/1	0.91	0.06	95,95,95,95	0
32	MG	a	3906	1/1	0.93	0.13	1,1,1,1	0
32	MG	d	319	1/1	0.93	0.05	95,95,95,95	0
32	MG	a	4037	1/1	0.94	0.17	3,3,3,3	0
32	MG	a	4058	1/1	0.94	0.04	19,19,19,19	0
32	MG	a	4373	1/1	0.94	0.03	25,25,25,25	0
32	MG	a	3725	1/1	0.94	0.13	83,83,83,83	0
32	MG	a	4541	1/1	0.94	0.04	30,30,30,30	0
32	MG	c	325	1/1	0.94	0.03	27,27,27,27	0
32	MG	A	3815	1/1	0.94	0.07	13,13,13,13	0
32	MG	e	312	1/1	0.94	0.10	21,21,21,21	0
32	MG	a	3879	1/1	0.95	0.12	95,95,95,95	0
32	MG	a	3902	1/1	0.95	0.25	75,75,75,75	0
32	MG	A	3786	1/1	0.95	0.02	2,2,2,2	0
32	MG	A	3739	1/1	0.95	0.05	4,4,4,4	0
32	MG	A	3755	1/1	0.95	0.04	49,49,49,49	0
32	MG	a	4125	1/1	0.95	0.05	9,9,9,9	0
32	MG	a	4132	1/1	0.95	0.06	12,12,12,12	0
32	MG	A	3849	1/1	0.95	0.02	10,10,10,10	0
32	MG	a	4375	1/1	0.95	0.04	21,21,21,21	0
32	MG	A	3988	1/1	0.95	0.04	23,23,23,23	0
32	MG	A	4082	1/1	0.95	0.06	28,28,28,28	0
32	MG	a	4607	1/1	0.95	0.14	27,27,27,27	0
32	MG	A	4334	1/1	0.95	0.02	26,26,26,26	0
32	MG	A	4380	1/1	0.95	0.06	30,30,30,30	0
32	MG	A	3756	1/1	0.95	0.06	44,44,44,44	0
32	MG	h	209	1/1	0.95	0.04	174,174,174,174	0
32	MG	a	3899	1/1	0.96	0.06	5,5,5,5	0
32	MG	A	3896	1/1	0.96	0.08	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	3696	1/1	0.96	0.06	6,6,6,6	0
32	MG	a	3924	1/1	0.96	0.06	95,95,95,95	0
32	MG	a	3949	1/1	0.96	0.04	95,95,95,95	0
32	MG	a	4024	1/1	0.96	0.06	19,19,19,19	0
32	MG	A	4031	1/1	0.96	0.04	24,24,24,24	0
32	MG	A	4067	1/1	0.96	0.07	29,29,29,29	0
32	MG	A	3733	1/1	0.96	0.05	7,7,7,7	0
32	MG	A	4246	1/1	0.96	0.09	26,26,26,26	0
32	MG	a	4175	1/1	0.96	0.05	95,95,95,95	0
32	MG	a	4180	1/1	0.96	0.04	95,95,95,95	0
32	MG	a	4190	1/1	0.96	0.03	3,3,3,3	0
32	MG	a	4260	1/1	0.96	0.07	36,36,36,36	0
32	MG	a	4269	1/1	0.96	0.02	26,26,26,26	0
32	MG	a	4353	1/1	0.96	0.04	21,21,21,21	0
32	MG	A	4267	1/1	0.96	0.10	27,27,27,27	0
32	MG	A	4274	1/1	0.96	0.05	27,27,27,27	0
32	MG	A	3697	1/1	0.96	0.05	95,95,95,95	0
32	MG	a	4499	1/1	0.96	0.03	31,31,31,31	0
32	MG	a	4509	1/1	0.96	0.04	23,23,23,23	0
32	MG	A	3859	1/1	0.96	0.03	0,0,0,0	0
32	MG	a	4599	1/1	0.96	0.03	27,27,27,27	0
32	MG	a	3330	1/1	0.96	0.09	104,104,104,104	0
32	MG	b	220	1/1	0.96	0.04	30,30,30,30	0
32	MG	A	3868	1/1	0.96	0.09	50,50,50,50	0
32	MG	a	3876	1/1	0.96	0.06	7,7,7,7	0
32	MG	A	3881	1/1	0.96	0.03	95,95,95,95	0
32	MG	e	337	1/1	0.96	0.03	24,24,24,24	0
32	MG	a	3895	1/1	0.96	0.07	0,0,0,0	0
32	MG	r	228	1/1	0.96	0.03	28,28,28,28	0
32	MG	A	3601	1/1	0.97	0.02	5,5,5,5	0
32	MG	A	4285	1/1	0.97	0.02	24,24,24,24	0
32	MG	A	4319	1/1	0.97	0.04	29,29,29,29	0
32	MG	A	3830	1/1	0.97	0.04	32,32,32,32	0
32	MG	A	4362	1/1	0.97	0.02	28,28,28,28	0
32	MG	A	4379	1/1	0.97	0.07	30,30,30,30	0
32	MG	A	3836	1/1	0.97	0.04	64,64,64,64	0
32	MG	B	228	1/1	0.97	0.02	18,18,18,18	0
32	MG	B	231	1/1	0.97	0.04	70,70,70,70	0
32	MG	B	232	1/1	0.97	0.08	0,0,0,0	0
32	MG	B	233	1/1	0.97	0.04	57,57,57,57	0
32	MG	B	234	1/1	0.97	0.04	95,95,95,95	0
32	MG	C	332	1/1	0.97	0.02	28,28,28,28	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	C	335	1/1	0.97	0.06	27,27,27,27	0
32	MG	C	344	1/1	0.97	0.03	25,25,25,25	0
32	MG	E	316	1/1	0.97	0.03	2,2,2,2	0
32	MG	I	209	1/1	0.97	0.10	95,95,95,95	0
32	MG	K	214	1/1	0.97	0.04	95,95,95,95	0
32	MG	K	221	1/1	0.97	0.02	18,18,18,18	0
32	MG	P	205	1/1	0.97	0.04	95,95,95,95	0
32	MG	Q	210	1/1	0.97	0.02	27,27,27,27	0
32	MG	T	510	1/1	0.97	0.03	28,28,28,28	0
32	MG	U	307	1/1	0.97	0.03	23,23,23,23	0
32	MG	X	109	1/1	0.97	0.05	95,95,95,95	0
32	MG	0	105	1/1	0.97	0.04	29,29,29,29	0
32	MG	a	3275	1/1	0.97	0.06	92,92,92,92	0
32	MG	A	3662	1/1	0.97	0.05	95,95,95,95	0
32	MG	a	3350	1/1	0.97	0.06	96,96,96,96	0
32	MG	A	3853	1/1	0.97	0.05	95,95,95,95	0
32	MG	a	3726	1/1	0.97	0.03	93,93,93,93	0
32	MG	A	3681	1/1	0.97	0.09	95,95,95,95	0
32	MG	A	3743	1/1	0.97	0.04	8,8,8,8	0
32	MG	A	3872	1/1	0.97	0.04	95,95,95,95	0
32	MG	A	3747	1/1	0.97	0.04	17,17,17,17	0
32	MG	A	3894	1/1	0.97	0.03	95,95,95,95	0
32	MG	A	3754	1/1	0.97	0.04	20,20,20,20	0
32	MG	a	3922	1/1	0.97	0.04	6,6,6,6	0
32	MG	A	3913	1/1	0.97	0.04	95,95,95,95	0
32	MG	a	3947	1/1	0.97	0.05	31,31,31,31	0
32	MG	A	3919	1/1	0.97	0.04	17,17,17,17	0
32	MG	a	3964	1/1	0.97	0.04	95,95,95,95	0
32	MG	a	3973	1/1	0.97	0.11	8,8,8,8	0
32	MG	a	3975	1/1	0.97	0.05	17,17,17,17	0
32	MG	a	3980	1/1	0.97	0.04	0,0,0,0	0
32	MG	a	3984	1/1	0.97	0.03	0,0,0,0	0
32	MG	a	3990	1/1	0.97	0.05	95,95,95,95	0
32	MG	a	4013	1/1	0.97	0.07	95,95,95,95	0
32	MG	A	3932	1/1	0.97	0.09	0,0,0,0	0
32	MG	A	3934	1/1	0.97	0.04	21,21,21,21	0
32	MG	A	3956	1/1	0.97	0.05	95,95,95,95	0
32	MG	a	4085	1/1	0.97	0.07	30,30,30,30	0
32	MG	A	3961	1/1	0.97	0.09	95,95,95,95	0
32	MG	A	3683	1/1	0.97	0.06	7,7,7,7	0
32	MG	a	4138	1/1	0.97	0.05	95,95,95,95	0
32	MG	a	4150	1/1	0.97	0.05	5,5,5,5	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	4168	1/1	0.97	0.03	95,95,95,95	0
32	MG	A	4005	1/1	0.97	0.05	15,15,15,15	0
32	MG	A	4023	1/1	0.97	0.04	15,15,15,15	0
32	MG	a	4185	1/1	0.97	0.07	95,95,95,95	0
32	MG	A	3685	1/1	0.97	0.06	40,40,40,40	0
32	MG	a	4246	1/1	0.97	0.05	95,95,95,95	0
32	MG	A	4052	1/1	0.97	0.03	22,22,22,22	0
32	MG	A	3621	1/1	0.97	0.06	32,32,32,32	0
32	MG	a	4286	1/1	0.97	0.03	31,31,31,31	0
32	MG	a	4301	1/1	0.97	0.03	28,28,28,28	0
32	MG	a	4314	1/1	0.97	0.04	30,30,30,30	0
32	MG	A	4073	1/1	0.97	0.06	30,30,30,30	0
32	MG	A	3645	1/1	0.97	0.05	12,12,12,12	0
32	MG	A	4097	1/1	0.97	0.03	26,26,26,26	0
32	MG	A	4106	1/1	0.97	0.06	30,30,30,30	0
32	MG	a	4396	1/1	0.97	0.02	33,33,33,33	0
32	MG	a	4400	1/1	0.97	0.02	28,28,28,28	0
32	MG	a	4407	1/1	0.97	0.03	25,25,25,25	0
32	MG	a	4427	1/1	0.97	0.03	27,27,27,27	0
32	MG	a	4459	1/1	0.97	0.04	30,30,30,30	0
32	MG	A	4116	1/1	0.97	0.04	28,28,28,28	0
32	MG	A	4144	1/1	0.97	0.04	27,27,27,27	0
32	MG	A	4182	1/1	0.97	0.02	26,26,26,26	0
32	MG	a	4551	1/1	0.97	0.02	31,31,31,31	0
32	MG	a	4564	1/1	0.97	0.03	26,26,26,26	0
32	MG	a	4574	1/1	0.97	0.04	28,28,28,28	0
32	MG	a	4577	1/1	0.97	0.03	29,29,29,29	0
32	MG	a	4580	1/1	0.97	0.03	22,22,22,22	0
32	MG	a	4593	1/1	0.97	0.03	28,28,28,28	0
32	MG	a	4596	1/1	0.97	0.02	32,32,32,32	0
32	MG	A	4197	1/1	0.97	0.04	24,24,24,24	0
32	MG	a	4602	1/1	0.97	0.05	32,32,32,32	0
32	MG	A	4211	1/1	0.97	0.05	25,25,25,25	0
32	MG	a	4614	1/1	0.97	0.02	33,33,33,33	0
32	MG	b	217	1/1	0.97	0.03	45,45,45,45	0
32	MG	A	4233	1/1	0.97	0.10	31,31,31,31	0
32	MG	c	317	1/1	0.97	0.06	1,1,1,1	0
32	MG	A	4238	1/1	0.97	0.07	32,32,32,32	0
32	MG	A	3792	1/1	0.97	0.04	7,7,7,7	0
32	MG	A	4256	1/1	0.97	0.07	32,32,32,32	0
32	MG	e	325	1/1	0.97	0.02	34,34,34,34	0
32	MG	e	330	1/1	0.97	0.03	28,28,28,28	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	4264	1/1	0.97	0.04	26,26,26,26	0
32	MG	A	3810	1/1	0.97	0.07	251,251,251,251	0
32	MG	i	207	1/1	0.97	0.03	45,45,45,45	0
32	MG	i	219	1/1	0.97	0.03	26,26,26,26	0
32	MG	j	217	1/1	0.97	0.07	95,95,95,95	0
32	MG	j	218	1/1	0.97	0.03	44,44,44,44	0
32	MG	m	213	1/1	0.97	0.03	29,29,29,29	0
32	MG	n	207	1/1	0.97	0.03	30,30,30,30	0
32	MG	o	217	1/1	0.97	0.05	56,56,56,56	0
32	MG	o	224	1/1	0.97	0.02	32,32,32,32	0
32	MG	p	212	1/1	0.97	0.09	95,95,95,95	0
32	MG	r	212	1/1	0.97	0.05	2,2,2,2	0
32	MG	r	226	1/1	0.97	0.03	23,23,23,23	0
32	MG	A	4273	1/1	0.97	0.08	28,28,28,28	0
32	MG	s	105	1/1	0.97	0.06	18,18,18,18	0
32	MG	x	108	1/1	0.97	0.02	50,50,50,50	0
32	MG	8	110	1/1	0.97	0.06	30,30,30,30	0
32	MG	A	4222	1/1	0.98	0.02	29,29,29,29	0
32	MG	A	4230	1/1	0.98	0.03	30,30,30,30	0
32	MG	A	3770	1/1	0.98	0.06	95,95,95,95	0
32	MG	A	3776	1/1	0.98	0.04	9,9,9,9	0
32	MG	A	4239	1/1	0.98	0.04	32,32,32,32	0
32	MG	A	3781	1/1	0.98	0.05	6,6,6,6	0
32	MG	A	4247	1/1	0.98	0.05	30,30,30,30	0
32	MG	A	4254	1/1	0.98	0.03	30,30,30,30	0
32	MG	A	3783	1/1	0.98	0.06	143,143,143,143	0
32	MG	A	4263	1/1	0.98	0.05	28,28,28,28	0
32	MG	A	3600	1/1	0.98	0.03	59,59,59,59	0
32	MG	A	4266	1/1	0.98	0.03	27,27,27,27	0
32	MG	A	3787	1/1	0.98	0.03	95,95,95,95	0
32	MG	A	4271	1/1	0.98	0.01	26,26,26,26	0
32	MG	A	4272	1/1	0.98	0.01	22,22,22,22	0
32	MG	A	3789	1/1	0.98	0.06	95,95,95,95	0
32	MG	A	3063	1/1	0.98	0.04	86,86,86,86	0
32	MG	A	4278	1/1	0.98	0.04	34,34,34,34	0
32	MG	A	4280	1/1	0.98	0.07	32,32,32,32	0
32	MG	A	4283	1/1	0.98	0.02	24,24,24,24	0
32	MG	A	4284	1/1	0.98	0.02	25,25,25,25	0
32	MG	A	3668	1/1	0.98	0.07	59,59,59,59	0
32	MG	A	4290	1/1	0.98	0.05	28,28,28,28	0
32	MG	A	4291	1/1	0.98	0.03	23,23,23,23	0
32	MG	A	4292	1/1	0.98	0.03	27,27,27,27	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	4293	1/1	0.98	0.02	28,28,28,28	0
32	MG	A	4296	1/1	0.98	0.02	27,27,27,27	0
32	MG	A	4297	1/1	0.98	0.04	27,27,27,27	0
32	MG	A	3803	1/1	0.98	0.04	10,10,10,10	0
32	MG	A	4321	1/1	0.98	0.04	22,22,22,22	0
32	MG	A	4324	1/1	0.98	0.03	23,23,23,23	0
32	MG	A	4331	1/1	0.98	0.02	32,32,32,32	0
32	MG	A	3806	1/1	0.98	0.01	7,7,7,7	0
32	MG	A	4341	1/1	0.98	0.02	26,26,26,26	0
32	MG	A	4344	1/1	0.98	0.04	28,28,28,28	0
32	MG	A	4348	1/1	0.98	0.03	26,26,26,26	0
32	MG	A	4351	1/1	0.98	0.03	28,28,28,28	0
32	MG	A	4353	1/1	0.98	0.04	27,27,27,27	0
32	MG	A	4357	1/1	0.98	0.03	30,30,30,30	0
32	MG	A	4361	1/1	0.98	0.02	23,23,23,23	0
32	MG	A	3809	1/1	0.98	0.07	24,24,24,24	0
32	MG	A	4376	1/1	0.98	0.05	30,30,30,30	0
32	MG	A	4377	1/1	0.98	0.03	30,30,30,30	0
32	MG	A	4378	1/1	0.98	0.04	30,30,30,30	0
32	MG	A	3676	1/1	0.98	0.05	56,56,56,56	0
32	MG	A	3812	1/1	0.98	0.03	0,0,0,0	0
32	MG	A	3814	1/1	0.98	0.06	8,8,8,8	0
32	MG	B	230	1/1	0.98	0.02	11,11,11,11	0
32	MG	A	3679	1/1	0.98	0.04	3,3,3,3	0
32	MG	A	3816	1/1	0.98	0.03	8,8,8,8	0
32	MG	A	3822	1/1	0.98	0.03	11,11,11,11	0
32	MG	A	3827	1/1	0.98	0.07	11,11,11,11	0
32	MG	C	319	1/1	0.98	0.03	95,95,95,95	0
32	MG	C	322	1/1	0.98	0.03	33,33,33,33	0
32	MG	C	326	1/1	0.98	0.02	28,28,28,28	0
32	MG	A	3829	1/1	0.98	0.02	3,3,3,3	0
32	MG	C	333	1/1	0.98	0.02	32,32,32,32	0
32	MG	A	3602	1/1	0.98	0.04	96,96,96,96	0
32	MG	C	339	1/1	0.98	0.02	24,24,24,24	0
32	MG	A	3609	1/1	0.98	0.04	2,2,2,2	0
32	MG	D	306	1/1	0.98	0.11	95,95,95,95	0
32	MG	A	3848	1/1	0.98	0.08	48,48,48,48	0
32	MG	E	318	1/1	0.98	0.09	95,95,95,95	0
32	MG	E	321	1/1	0.98	0.02	18,18,18,18	0
32	MG	E	324	1/1	0.98	0.02	20,20,20,20	0
32	MG	E	325	1/1	0.98	0.02	26,26,26,26	0
32	MG	F	205	1/1	0.98	0.02	21,21,21,21	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	H	208	1/1	0.98	0.03	36,36,36,36	0
32	MG	A	3620	1/1	0.98	0.04	0,0,0,0	0
32	MG	J	203	1/1	0.98	0.04	57,57,57,57	0
32	MG	J	205	1/1	0.98	0.03	23,23,23,23	0
32	MG	K	210	1/1	0.98	0.02	14,14,14,14	0
32	MG	A	3852	1/1	0.98	0.09	14,14,14,14	0
32	MG	K	215	1/1	0.98	0.03	95,95,95,95	0
32	MG	A	3693	1/1	0.98	0.04	8,8,8,8	0
32	MG	L	209	1/1	0.98	0.06	25,25,25,25	0
32	MG	M	204	1/1	0.98	0.10	95,95,95,95	0
32	MG	O	204	1/1	0.98	0.03	95,95,95,95	0
32	MG	P	204	1/1	0.98	0.06	95,95,95,95	0
32	MG	A	3504	1/1	0.98	0.18	99,99,99,99	0
32	MG	Q	202	1/1	0.98	0.03	21,21,21,21	0
32	MG	Q	208	1/1	0.98	0.02	30,30,30,30	0
32	MG	A	3861	1/1	0.98	0.03	1,1,1,1	0
32	MG	R	206	1/1	0.98	0.04	108,108,108,108	0
32	MG	R	209	1/1	0.98	0.04	95,95,95,95	0
32	MG	R	211	1/1	0.98	0.02	24,24,24,24	0
32	MG	R	213	1/1	0.98	0.02	23,23,23,23	0
32	MG	R	218	1/1	0.98	0.05	27,27,27,27	0
32	MG	S	104	1/1	0.98	0.11	95,95,95,95	0
32	MG	T	508	1/1	0.98	0.04	95,95,95,95	0
32	MG	A	3866	1/1	0.98	0.05	12,12,12,12	0
32	MG	T	516	1/1	0.98	0.03	26,26,26,26	0
32	MG	T	517	1/1	0.98	0.05	27,27,27,27	0
32	MG	A	3622	1/1	0.98	0.04	14,14,14,14	0
32	MG	U	309	1/1	0.98	0.03	27,27,27,27	0
32	MG	U	311	1/1	0.98	0.02	28,28,28,28	0
32	MG	V	105	1/1	0.98	0.05	30,30,30,30	0
32	MG	W	110	1/1	0.98	0.11	69,69,69,69	0
32	MG	X	107	1/1	0.98	0.03	95,95,95,95	0
32	MG	X	108	1/1	0.98	0.03	95,95,95,95	0
32	MG	A	3701	1/1	0.98	0.07	95,95,95,95	0
32	MG	Y	101	1/1	0.98	0.09	14,14,14,14	0
32	MG	A	3880	1/1	0.98	0.02	3,3,3,3	0
32	MG	2	106	1/1	0.98	0.11	25,25,25,25	0
32	MG	a	3132	1/1	0.98	0.06	92,92,92,92	0
32	MG	a	3181	1/1	0.98	0.03	107,107,107,107	0
32	MG	a	3226	1/1	0.98	0.06	63,63,63,63	0
32	MG	A	3702	1/1	0.98	0.06	5,5,5,5	0
32	MG	a	3303	1/1	0.98	0.01	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	3308	1/1	0.98	0.04	79,79,79,79	0
32	MG	A	3882	1/1	0.98	0.04	174,174,174,174	0
32	MG	A	3889	1/1	0.98	0.03	28,28,28,28	0
32	MG	a	3532	1/1	0.98	0.04	62,62,62,62	0
32	MG	a	3594	1/1	0.98	0.05	58,58,58,58	0
32	MG	a	3657	1/1	0.98	0.08	70,70,70,70	0
32	MG	a	3714	1/1	0.98	0.07	76,76,76,76	0
32	MG	A	3703	1/1	0.98	0.04	37,37,37,37	0
32	MG	A	3704	1/1	0.98	0.04	11,11,11,11	0
32	MG	a	3804	1/1	0.98	0.08	10,10,10,10	0
32	MG	a	3806	1/1	0.98	0.04	7,7,7,7	0
32	MG	a	3810	1/1	0.98	0.03	9,9,9,9	0
32	MG	a	3813	1/1	0.98	0.04	88,88,88,88	0
32	MG	a	3816	1/1	0.98	0.09	95,95,95,95	0
32	MG	a	3819	1/1	0.98	0.03	15,15,15,15	0
32	MG	a	3821	1/1	0.98	0.04	2,2,2,2	0
32	MG	a	3823	1/1	0.98	0.06	38,38,38,38	0
32	MG	a	3829	1/1	0.98	0.05	10,10,10,10	0
32	MG	a	3854	1/1	0.98	0.10	95,95,95,95	0
32	MG	a	3856	1/1	0.98	0.04	3,3,3,3	0
32	MG	a	3867	1/1	0.98	0.09	95,95,95,95	0
32	MG	a	3871	1/1	0.98	0.06	10,10,10,10	0
32	MG	A	3898	1/1	0.98	0.06	9,9,9,9	0
32	MG	a	3877	1/1	0.98	0.07	7,7,7,7	0
32	MG	A	3911	1/1	0.98	0.02	37,37,37,37	0
32	MG	a	3882	1/1	0.98	0.09	95,95,95,95	0
32	MG	a	3887	1/1	0.98	0.14	74,74,74,74	0
32	MG	a	3888	1/1	0.98	0.05	20,20,20,20	0
32	MG	a	3892	1/1	0.98	0.05	3,3,3,3	0
32	MG	A	3633	1/1	0.98	0.18	88,88,88,88	0
32	MG	a	3896	1/1	0.98	0.04	1,1,1,1	0
32	MG	A	3915	1/1	0.98	0.02	130,130,130,130	0
32	MG	a	3901	1/1	0.98	0.08	57,57,57,57	0
32	MG	A	3918	1/1	0.98	0.02	2,2,2,2	0
32	MG	a	3903	1/1	0.98	0.05	12,12,12,12	0
32	MG	A	3710	1/1	0.98	0.03	13,13,13,13	0
32	MG	a	3909	1/1	0.98	0.05	39,39,39,39	0
32	MG	A	3926	1/1	0.98	0.05	95,95,95,95	0
32	MG	A	3929	1/1	0.98	0.02	0,0,0,0	0
32	MG	a	3934	1/1	0.98	0.07	14,14,14,14	0
32	MG	a	3938	1/1	0.98	0.11	31,31,31,31	0
32	MG	a	3940	1/1	0.98	0.04	25,25,25,25	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3722	1/1	0.98	0.02	10,10,10,10	0
32	MG	A	3726	1/1	0.98	0.09	27,27,27,27	0
32	MG	a	3950	1/1	0.98	0.05	34,34,34,34	0
32	MG	a	3956	1/1	0.98	0.02	12,12,12,12	0
32	MG	a	3957	1/1	0.98	0.10	87,87,87,87	0
32	MG	a	3960	1/1	0.98	0.04	95,95,95,95	0
32	MG	A	3940	1/1	0.98	0.07	70,70,70,70	0
32	MG	a	3970	1/1	0.98	0.07	95,95,95,95	0
32	MG	A	3941	1/1	0.98	0.03	30,30,30,30	0
32	MG	A	3946	1/1	0.98	0.04	16,16,16,16	0
32	MG	a	3977	1/1	0.98	0.05	40,40,40,40	0
32	MG	A	3727	1/1	0.98	0.04	6,6,6,6	0
32	MG	a	3982	1/1	0.98	0.07	95,95,95,95	0
32	MG	A	3957	1/1	0.98	0.03	49,49,49,49	0
32	MG	a	3987	1/1	0.98	0.04	26,26,26,26	0
32	MG	a	3988	1/1	0.98	0.05	40,40,40,40	0
32	MG	A	3958	1/1	0.98	0.04	10,10,10,10	0
32	MG	a	3991	1/1	0.98	0.03	4,4,4,4	0
32	MG	a	4008	1/1	0.98	0.06	25,25,25,25	0
32	MG	a	4011	1/1	0.98	0.05	6,6,6,6	0
32	MG	A	3959	1/1	0.98	0.02	8,8,8,8	0
32	MG	a	4016	1/1	0.98	0.01	4,4,4,4	0
32	MG	a	4020	1/1	0.98	0.04	43,43,43,43	0
32	MG	a	4021	1/1	0.98	0.03	51,51,51,51	0
32	MG	A	3638	1/1	0.98	0.05	14,14,14,14	0
32	MG	a	4029	1/1	0.98	0.04	95,95,95,95	0
32	MG	a	4032	1/1	0.98	0.03	13,13,13,13	0
32	MG	A	3971	1/1	0.98	0.07	8,8,8,8	0
32	MG	a	4043	1/1	0.98	0.05	95,95,95,95	0
32	MG	a	4048	1/1	0.98	0.04	21,21,21,21	0
32	MG	a	4050	1/1	0.98	0.05	2,2,2,2	0
32	MG	a	4051	1/1	0.98	0.07	95,95,95,95	0
32	MG	a	4052	1/1	0.98	0.05	40,40,40,40	0
32	MG	a	4055	1/1	0.98	0.05	14,14,14,14	0
32	MG	A	3734	1/1	0.98	0.07	95,95,95,95	0
32	MG	a	4061	1/1	0.98	0.03	43,43,43,43	0
32	MG	a	4066	1/1	0.98	0.03	10,10,10,10	0
32	MG	a	4069	1/1	0.98	0.05	47,47,47,47	0
32	MG	a	4075	1/1	0.98	0.04	18,18,18,18	0
32	MG	a	4081	1/1	0.98	0.09	95,95,95,95	0
32	MG	a	4083	1/1	0.98	0.05	13,13,13,13	0
32	MG	a	4084	1/1	0.98	0.05	34,34,34,34	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3989	1/1	0.98	0.03	20,20,20,20	0
32	MG	a	4086	1/1	0.98	0.07	14,14,14,14	0
32	MG	a	4087	1/1	0.98	0.03	8,8,8,8	0
32	MG	a	4096	1/1	0.98	0.03	29,29,29,29	0
32	MG	a	4101	1/1	0.98	0.03	4,4,4,4	0
32	MG	a	4103	1/1	0.98	0.04	4,4,4,4	0
32	MG	a	4104	1/1	0.98	0.02	3,3,3,3	0
32	MG	a	4107	1/1	0.98	0.06	95,95,95,95	0
32	MG	a	4108	1/1	0.98	0.04	3,3,3,3	0
32	MG	a	4109	1/1	0.98	0.03	43,43,43,43	0
32	MG	a	4111	1/1	0.98	0.04	47,47,47,47	0
32	MG	a	4117	1/1	0.98	0.07	95,95,95,95	0
32	MG	a	4120	1/1	0.98	0.08	71,71,71,71	0
32	MG	a	4123	1/1	0.98	0.02	2,2,2,2	0
32	MG	A	3993	1/1	0.98	0.05	22,22,22,22	0
32	MG	a	4128	1/1	0.98	0.04	23,23,23,23	0
32	MG	a	4131	1/1	0.98	0.10	95,95,95,95	0
32	MG	A	3995	1/1	0.98	0.03	21,21,21,21	0
32	MG	a	4135	1/1	0.98	0.06	1,1,1,1	0
32	MG	a	4137	1/1	0.98	0.03	95,95,95,95	0
32	MG	A	3542	1/1	0.98	0.03	94,94,94,94	0
32	MG	a	4139	1/1	0.98	0.03	4,4,4,4	0
32	MG	a	4142	1/1	0.98	0.09	8,8,8,8	0
32	MG	a	4145	1/1	0.98	0.04	28,28,28,28	0
32	MG	a	4147	1/1	0.98	0.07	6,6,6,6	0
32	MG	a	4149	1/1	0.98	0.09	43,43,43,43	0
32	MG	A	4016	1/1	0.98	0.02	20,20,20,20	0
32	MG	a	4153	1/1	0.98	0.07	34,34,34,34	0
32	MG	a	4154	1/1	0.98	0.09	95,95,95,95	0
32	MG	a	4157	1/1	0.98	0.07	95,95,95,95	0
32	MG	a	4159	1/1	0.98	0.12	95,95,95,95	0
32	MG	a	4163	1/1	0.98	0.06	95,95,95,95	0
32	MG	a	4164	1/1	0.98	0.03	95,95,95,95	0
32	MG	A	4019	1/1	0.98	0.03	29,29,29,29	0
32	MG	a	4169	1/1	0.98	0.05	95,95,95,95	0
32	MG	A	4022	1/1	0.98	0.02	16,16,16,16	0
32	MG	a	4178	1/1	0.98	0.02	1,1,1,1	0
32	MG	a	4179	1/1	0.98	0.03	2,2,2,2	0
32	MG	A	3742	1/1	0.98	0.03	3,3,3,3	0
32	MG	A	4028	1/1	0.98	0.04	32,32,32,32	0
32	MG	A	3647	1/1	0.98	0.04	13,13,13,13	0
32	MG	a	4192	1/1	0.98	0.03	26,26,26,26	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	4197	1/1	0.98	0.05	2,2,2,2	0
32	MG	a	4198	1/1	0.98	0.05	95,95,95,95	0
32	MG	a	4205	1/1	0.98	0.05	1,1,1,1	0
32	MG	a	4206	1/1	0.98	0.06	29,29,29,29	0
32	MG	a	4208	1/1	0.98	0.05	57,57,57,57	0
32	MG	a	4214	1/1	0.98	0.07	8,8,8,8	0
32	MG	a	4221	1/1	0.98	0.05	14,14,14,14	0
32	MG	a	4222	1/1	0.98	0.09	95,95,95,95	0
32	MG	a	4224	1/1	0.98	0.05	95,95,95,95	0
32	MG	a	4225	1/1	0.98	0.04	62,62,62,62	0
32	MG	a	4235	1/1	0.98	0.04	60,60,60,60	0
32	MG	a	4244	1/1	0.98	0.09	64,64,64,64	0
32	MG	A	4033	1/1	0.98	0.02	27,27,27,27	0
32	MG	a	4258	1/1	0.98	0.04	38,38,38,38	0
32	MG	A	4035	1/1	0.98	0.02	33,33,33,33	0
32	MG	a	4268	1/1	0.98	0.01	25,25,25,25	0
32	MG	A	4039	1/1	0.98	0.03	24,24,24,24	0
32	MG	a	4280	1/1	0.98	0.02	24,24,24,24	0
32	MG	a	4282	1/1	0.98	0.03	28,28,28,28	0
32	MG	a	4283	1/1	0.98	0.02	24,24,24,24	0
32	MG	a	4284	1/1	0.98	0.03	21,21,21,21	0
32	MG	A	4047	1/1	0.98	0.06	25,25,25,25	0
32	MG	a	4291	1/1	0.98	0.03	25,25,25,25	0
32	MG	a	4295	1/1	0.98	0.06	23,23,23,23	0
32	MG	a	4296	1/1	0.98	0.03	25,25,25,25	0
32	MG	a	4298	1/1	0.98	0.03	32,32,32,32	0
32	MG	A	4049	1/1	0.98	0.02	21,21,21,21	0
32	MG	a	4310	1/1	0.98	0.02	24,24,24,24	0
32	MG	a	4311	1/1	0.98	0.02	25,25,25,25	0
32	MG	a	4312	1/1	0.98	0.02	23,23,23,23	0
32	MG	a	4313	1/1	0.98	0.09	24,24,24,24	0
32	MG	A	3745	1/1	0.98	0.03	3,3,3,3	0
32	MG	a	4315	1/1	0.98	0.07	30,30,30,30	0
32	MG	a	4316	1/1	0.98	0.04	31,31,31,31	0
32	MG	a	4317	1/1	0.98	0.02	22,22,22,22	0
32	MG	a	4320	1/1	0.98	0.03	25,25,25,25	0
32	MG	a	4329	1/1	0.98	0.03	32,32,32,32	0
32	MG	a	4330	1/1	0.98	0.03	26,26,26,26	0
32	MG	a	4333	1/1	0.98	0.03	23,23,23,23	0
32	MG	a	4335	1/1	0.98	0.02	22,22,22,22	0
32	MG	a	4336	1/1	0.98	0.02	27,27,27,27	0
32	MG	a	4344	1/1	0.98	0.05	24,24,24,24	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	4350	1/1	0.98	0.03	21,21,21,21	0
32	MG	A	4058	1/1	0.98	0.06	30,30,30,30	0
32	MG	a	4356	1/1	0.98	0.04	27,27,27,27	0
32	MG	a	4357	1/1	0.98	0.03	28,28,28,28	0
32	MG	a	4360	1/1	0.98	0.03	22,22,22,22	0
32	MG	a	4370	1/1	0.98	0.02	24,24,24,24	0
32	MG	A	4061	1/1	0.98	0.03	25,25,25,25	0
32	MG	a	4374	1/1	0.98	0.03	19,19,19,19	0
32	MG	A	3746	1/1	0.98	0.04	6,6,6,6	0
32	MG	a	4377	1/1	0.98	0.03	26,26,26,26	0
32	MG	a	4379	1/1	0.98	0.03	26,26,26,26	0
32	MG	a	4391	1/1	0.98	0.01	21,21,21,21	0
32	MG	A	3648	1/1	0.98	0.06	3,3,3,3	0
32	MG	a	4394	1/1	0.98	0.05	24,24,24,24	0
32	MG	a	4395	1/1	0.98	0.02	32,32,32,32	0
32	MG	A	4074	1/1	0.98	0.02	25,25,25,25	0
32	MG	A	4080	1/1	0.98	0.05	36,36,36,36	0
32	MG	a	4401	1/1	0.98	0.02	25,25,25,25	0
32	MG	a	4403	1/1	0.98	0.03	26,26,26,26	0
32	MG	a	4405	1/1	0.98	0.04	28,28,28,28	0
32	MG	a	4406	1/1	0.98	0.02	24,24,24,24	0
32	MG	A	3753	1/1	0.98	0.04	95,95,95,95	0
32	MG	a	4413	1/1	0.98	0.02	25,25,25,25	0
32	MG	a	4417	1/1	0.98	0.07	31,31,31,31	0
32	MG	a	4418	1/1	0.98	0.04	29,29,29,29	0
32	MG	a	4422	1/1	0.98	0.04	27,27,27,27	0
32	MG	A	4084	1/1	0.98	0.02	23,23,23,23	0
32	MG	a	4428	1/1	0.98	0.04	33,33,33,33	0
32	MG	a	4435	1/1	0.98	0.04	21,21,21,21	0
32	MG	a	4438	1/1	0.98	0.03	31,31,31,31	0
32	MG	a	4445	1/1	0.98	0.04	21,21,21,21	0
32	MG	a	4451	1/1	0.98	0.03	34,34,34,34	0
32	MG	a	4452	1/1	0.98	0.08	32,32,32,32	0
32	MG	a	4454	1/1	0.98	0.04	26,26,26,26	0
32	MG	a	4456	1/1	0.98	0.03	24,24,24,24	0
32	MG	a	4458	1/1	0.98	0.03	27,27,27,27	0
32	MG	A	4085	1/1	0.98	0.05	21,21,21,21	0
32	MG	a	4462	1/1	0.98	0.04	29,29,29,29	0
32	MG	a	4469	1/1	0.98	0.03	25,25,25,25	0
32	MG	a	4474	1/1	0.98	0.02	27,27,27,27	0
32	MG	a	4478	1/1	0.98	0.03	28,28,28,28	0
32	MG	a	4484	1/1	0.98	0.02	24,24,24,24	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	4486	1/1	0.98	0.04	30,30,30,30	0
32	MG	a	4493	1/1	0.98	0.03	26,26,26,26	0
32	MG	A	4089	1/1	0.98	0.05	26,26,26,26	0
32	MG	a	4500	1/1	0.98	0.08	29,29,29,29	0
32	MG	a	4503	1/1	0.98	0.03	24,24,24,24	0
32	MG	a	4505	1/1	0.98	0.03	27,27,27,27	0
32	MG	A	4091	1/1	0.98	0.02	29,29,29,29	0
32	MG	a	4510	1/1	0.98	0.02	22,22,22,22	0
32	MG	a	4514	1/1	0.98	0.03	25,25,25,25	0
32	MG	a	4515	1/1	0.98	0.03	31,31,31,31	0
32	MG	a	4521	1/1	0.98	0.02	28,28,28,28	0
32	MG	a	4523	1/1	0.98	0.02	24,24,24,24	0
32	MG	a	4529	1/1	0.98	0.04	30,30,30,30	0
32	MG	a	4531	1/1	0.98	0.03	26,26,26,26	0
32	MG	a	4533	1/1	0.98	0.04	32,32,32,32	0
32	MG	a	4535	1/1	0.98	0.06	28,28,28,28	0
32	MG	A	4096	1/1	0.98	0.02	29,29,29,29	0
32	MG	A	3652	1/1	0.98	0.09	95,95,95,95	0
32	MG	a	4560	1/1	0.98	0.02	28,28,28,28	0
32	MG	A	4100	1/1	0.98	0.05	31,31,31,31	0
32	MG	A	4101	1/1	0.98	0.04	34,34,34,34	0
32	MG	A	4104	1/1	0.98	0.03	27,27,27,27	0
32	MG	a	4579	1/1	0.98	0.02	29,29,29,29	0
32	MG	A	3656	1/1	0.98	0.04	29,29,29,29	0
32	MG	a	4586	1/1	0.98	0.02	26,26,26,26	0
32	MG	a	4590	1/1	0.98	0.07	26,26,26,26	0
32	MG	A	4108	1/1	0.98	0.04	27,27,27,27	0
32	MG	A	4115	1/1	0.98	0.06	27,27,27,27	0
32	MG	A	3660	1/1	0.98	0.07	16,16,16,16	0
32	MG	A	4119	1/1	0.98	0.04	24,24,24,24	0
32	MG	a	4604	1/1	0.98	0.07	29,29,29,29	0
32	MG	A	4121	1/1	0.98	0.08	21,21,21,21	0
32	MG	a	4611	1/1	0.98	0.05	22,22,22,22	0
32	MG	a	4612	1/1	0.98	0.03	31,31,31,31	0
32	MG	a	4613	1/1	0.98	0.05	26,26,26,26	0
32	MG	A	4127	1/1	0.98	0.03	14,14,14,14	0
32	MG	A	4128	1/1	0.98	0.02	21,21,21,21	0
32	MG	A	4130	1/1	0.98	0.03	25,25,25,25	0
32	MG	c	314	1/1	0.98	0.02	6,6,6,6	0
32	MG	c	315	1/1	0.98	0.09	95,95,95,95	0
32	MG	A	4132	1/1	0.98	0.07	32,32,32,32	0
32	MG	c	320	1/1	0.98	0.06	52,52,52,52	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	c	323	1/1	0.98	0.02	31,31,31,31	0
32	MG	A	4134	1/1	0.98	0.02	25,25,25,25	0
32	MG	c	332	1/1	0.98	0.02	26,26,26,26	0
32	MG	A	4135	1/1	0.98	0.04	27,27,27,27	0
32	MG	A	4138	1/1	0.98	0.02	29,29,29,29	0
32	MG	e	319	1/1	0.98	0.02	3,3,3,3	0
32	MG	A	3757	1/1	0.98	0.05	95,95,95,95	0
32	MG	A	4146	1/1	0.98	0.02	23,23,23,23	0
32	MG	e	334	1/1	0.98	0.02	27,27,27,27	0
32	MG	e	335	1/1	0.98	0.02	26,26,26,26	0
32	MG	A	4151	1/1	0.98	0.03	29,29,29,29	0
32	MG	g	208	1/1	0.98	0.02	26,26,26,26	0
32	MG	g	209	1/1	0.98	0.06	25,25,25,25	0
32	MG	A	4156	1/1	0.98	0.03	30,30,30,30	0
32	MG	h	213	1/1	0.98	0.02	22,22,22,22	0
32	MG	h	216	1/1	0.98	0.03	31,31,31,31	0
32	MG	h	218	1/1	0.98	0.02	25,25,25,25	0
32	MG	A	4158	1/1	0.98	0.04	25,25,25,25	0
32	MG	i	218	1/1	0.98	0.02	26,26,26,26	0
32	MG	A	4159	1/1	0.98	0.04	29,29,29,29	0
32	MG	i	220	1/1	0.98	0.02	29,29,29,29	0
32	MG	A	4166	1/1	0.98	0.04	29,29,29,29	0
32	MG	A	4171	1/1	0.98	0.02	35,35,35,35	0
32	MG	j	220	1/1	0.98	0.02	22,22,22,22	0
32	MG	k	208	1/1	0.98	0.02	27,27,27,27	0
32	MG	k	209	1/1	0.98	0.02	25,25,25,25	0
32	MG	k	212	1/1	0.98	0.02	24,24,24,24	0
32	MG	k	219	1/1	0.98	0.04	26,26,26,26	0
32	MG	l	212	1/1	0.98	0.03	48,48,48,48	0
32	MG	l	215	1/1	0.98	0.04	4,4,4,4	0
32	MG	l	216	1/1	0.98	0.06	95,95,95,95	0
32	MG	m	208	1/1	0.98	0.03	16,16,16,16	0
32	MG	A	4178	1/1	0.98	0.02	25,25,25,25	0
32	MG	m	214	1/1	0.98	0.02	27,27,27,27	0
32	MG	m	215	1/1	0.98	0.03	32,32,32,32	0
32	MG	m	218	1/1	0.98	0.02	29,29,29,29	0
32	MG	n	202	1/1	0.98	0.03	23,23,23,23	0
32	MG	n	204	1/1	0.98	0.02	27,27,27,27	0
32	MG	A	3762	1/1	0.98	0.08	12,12,12,12	0
32	MG	o	213	1/1	0.98	0.05	95,95,95,95	0
32	MG	o	214	1/1	0.98	0.03	39,39,39,39	0
32	MG	o	215	1/1	0.98	0.05	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	4187	1/1	0.98	0.02	27,27,27,27	0
32	MG	o	219	1/1	0.98	0.05	95,95,95,95	0
32	MG	o	222	1/1	0.98	0.05	31,31,31,31	0
32	MG	A	4193	1/1	0.98	0.05	28,28,28,28	0
32	MG	o	226	1/1	0.98	0.02	32,32,32,32	0
32	MG	o	227	1/1	0.98	0.02	23,23,23,23	0
32	MG	o	230	1/1	0.98	0.02	22,22,22,22	0
32	MG	p	209	1/1	0.98	0.10	69,69,69,69	0
32	MG	p	210	1/1	0.98	0.04	7,7,7,7	0
32	MG	A	3766	1/1	0.98	0.03	3,3,3,3	0
32	MG	p	216	1/1	0.98	0.04	31,31,31,31	0
32	MG	q	213	1/1	0.98	0.02	28,28,28,28	0
32	MG	q	215	1/1	0.98	0.02	29,29,29,29	0
32	MG	q	217	1/1	0.98	0.03	27,27,27,27	0
32	MG	q	220	1/1	0.98	0.03	29,29,29,29	0
32	MG	q	221	1/1	0.98	0.02	26,26,26,26	0
32	MG	q	223	1/1	0.98	0.02	22,22,22,22	0
32	MG	q	226	1/1	0.98	0.02	30,30,30,30	0
32	MG	q	228	1/1	0.98	0.02	24,24,24,24	0
32	MG	q	230	1/1	0.98	0.04	29,29,29,29	0
32	MG	A	4200	1/1	0.98	0.02	28,28,28,28	0
32	MG	r	213	1/1	0.98	0.05	0,0,0,0	0
32	MG	r	217	1/1	0.98	0.05	28,28,28,28	0
32	MG	r	219	1/1	0.98	0.03	35,35,35,35	0
32	MG	A	4205	1/1	0.98	0.03	27,27,27,27	0
32	MG	A	4206	1/1	0.98	0.03	27,27,27,27	0
32	MG	A	4209	1/1	0.98	0.03	27,27,27,27	0
32	MG	s	106	1/1	0.98	0.03	4,4,4,4	0
32	MG	u	318	1/1	0.98	0.03	95,95,95,95	0
32	MG	u	320	1/1	0.98	0.03	95,95,95,95	0
32	MG	u	321	1/1	0.98	0.07	12,12,12,12	0
32	MG	v	107	1/1	0.98	0.02	38,38,38,38	0
32	MG	v	110	1/1	0.98	0.03	26,26,26,26	0
32	MG	w	106	1/1	0.98	0.05	95,95,95,95	0
32	MG	w	108	1/1	0.98	0.08	37,37,37,37	0
32	MG	w	110	1/1	0.98	0.05	24,24,24,24	0
32	MG	A	3768	1/1	0.98	0.07	67,67,67,67	0
32	MG	x	110	1/1	0.98	0.05	95,95,95,95	0
32	MG	x	111	1/1	0.98	0.04	21,21,21,21	0
32	MG	y	606	1/1	0.98	0.08	95,95,95,95	0
32	MG	y	608	1/1	0.98	0.03	29,29,29,29	0
32	MG	z	503	1/1	0.98	0.03	29,29,29,29	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	z	504	1/1	0.98	0.02	26,26,26,26	0
32	MG	5	102	1/1	0.98	0.02	183,183,183,183	0
32	MG	6	507	1/1	0.98	0.02	31,31,31,31	0
32	MG	7	106	1/1	0.98	0.05	28,28,28,28	0
32	MG	8	106	1/1	0.98	0.08	38,38,38,38	0
32	MG	A	4221	1/1	0.98	0.02	27,27,27,27	0
33	ZN	Z	501	1/1	0.98	0.03	211,211,211,211	0
32	MG	A	4277	1/1	0.99	0.03	23,23,23,23	0
32	MG	A	3515	1/1	0.99	0.03	80,80,80,80	0
32	MG	A	4279	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	3758	1/1	0.99	0.07	95,95,95,95	0
32	MG	A	4281	1/1	0.99	0.02	27,27,27,27	0
32	MG	A	3759	1/1	0.99	0.01	0,0,0,0	0
32	MG	A	3761	1/1	0.99	0.03	4,4,4,4	0
32	MG	A	3516	1/1	0.99	0.03	63,63,63,63	0
32	MG	A	4286	1/1	0.99	0.02	24,24,24,24	0
32	MG	A	4289	1/1	0.99	0.04	25,25,25,25	0
32	MG	A	3763	1/1	0.99	0.04	4,4,4,4	0
32	MG	A	3765	1/1	0.99	0.05	95,95,95,95	0
32	MG	A	3519	1/1	0.99	0.03	61,61,61,61	0
32	MG	A	3767	1/1	0.99	0.02	5,5,5,5	0
32	MG	A	4294	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	4295	1/1	0.99	0.04	24,24,24,24	0
32	MG	A	3528	1/1	0.99	0.04	70,70,70,70	0
32	MG	A	3769	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	4298	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	4299	1/1	0.99	0.05	26,26,26,26	0
32	MG	A	4300	1/1	0.99	0.03	30,30,30,30	0
32	MG	A	4301	1/1	0.99	0.03	15,15,15,15	0
32	MG	A	4302	1/1	0.99	0.04	16,16,16,16	0
32	MG	A	4304	1/1	0.99	0.10	28,28,28,28	0
32	MG	A	4305	1/1	0.99	0.03	27,27,27,27	0
32	MG	A	4306	1/1	0.99	0.03	32,32,32,32	0
32	MG	A	4308	1/1	0.99	0.05	30,30,30,30	0
32	MG	A	4309	1/1	0.99	0.06	25,25,25,25	0
32	MG	A	4310	1/1	0.99	0.04	15,15,15,15	0
32	MG	A	4311	1/1	0.99	0.03	25,25,25,25	0
32	MG	A	4313	1/1	0.99	0.02	32,32,32,32	0
32	MG	A	4314	1/1	0.99	0.03	27,27,27,27	0
32	MG	A	4315	1/1	0.99	0.01	27,27,27,27	0
32	MG	A	4316	1/1	0.99	0.02	34,34,34,34	0
32	MG	A	4317	1/1	0.99	0.04	23,23,23,23	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	4318	1/1	0.99	0.05	32,32,32,32	0
32	MG	A	3533	1/1	0.99	0.04	82,82,82,82	0
32	MG	A	3771	1/1	0.99	0.03	14,14,14,14	0
32	MG	A	4323	1/1	0.99	0.04	22,22,22,22	0
32	MG	A	3772	1/1	0.99	0.05	26,26,26,26	0
32	MG	A	4325	1/1	0.99	0.01	25,25,25,25	0
32	MG	A	4326	1/1	0.99	0.01	24,24,24,24	0
32	MG	A	4327	1/1	0.99	0.01	27,27,27,27	0
32	MG	A	4328	1/1	0.99	0.01	22,22,22,22	0
32	MG	A	4329	1/1	0.99	0.02	27,27,27,27	0
32	MG	A	3773	1/1	0.99	0.02	2,2,2,2	0
32	MG	A	4332	1/1	0.99	0.01	24,24,24,24	0
32	MG	A	4333	1/1	0.99	0.02	22,22,22,22	0
32	MG	A	3775	1/1	0.99	0.07	4,4,4,4	0
32	MG	A	4337	1/1	0.99	0.03	33,33,33,33	0
32	MG	A	4338	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	4340	1/1	0.99	0.02	30,30,30,30	0
32	MG	A	3536	1/1	0.99	0.06	100,100,100,100	0
32	MG	A	4342	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	4343	1/1	0.99	0.01	28,28,28,28	0
32	MG	A	3777	1/1	0.99	0.04	20,20,20,20	0
32	MG	A	4345	1/1	0.99	0.04	32,32,32,32	0
32	MG	A	4346	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	4347	1/1	0.99	0.04	27,27,27,27	0
32	MG	A	3778	1/1	0.99	0.02	94,94,94,94	0
32	MG	A	4349	1/1	0.99	0.01	25,25,25,25	0
32	MG	A	4350	1/1	0.99	0.01	24,24,24,24	0
32	MG	A	3779	1/1	0.99	0.04	17,17,17,17	0
32	MG	A	4352	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	3780	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	4354	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	4355	1/1	0.99	0.02	27,27,27,27	0
32	MG	A	4356	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	3537	1/1	0.99	0.03	88,88,88,88	0
32	MG	A	4358	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	4359	1/1	0.99	0.02	23,23,23,23	0
32	MG	A	4360	1/1	0.99	0.01	19,19,19,19	0
32	MG	A	3539	1/1	0.99	0.09	80,80,80,80	0
32	MG	A	3785	1/1	0.99	0.02	90,90,90,90	0
32	MG	A	4363	1/1	0.99	0.02	24,24,24,24	0
32	MG	A	4365	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	4366	1/1	0.99	0.01	25,25,25,25	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	4367	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	4368	1/1	0.99	0.01	23,23,23,23	0
32	MG	A	4371	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	4372	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	4373	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	4374	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	4375	1/1	0.99	0.03	30,30,30,30	0
32	MG	A	3541	1/1	0.99	0.03	73,73,73,73	0
32	MG	A	3040	1/1	0.99	0.04	83,83,83,83	0
32	MG	A	3788	1/1	0.99	0.08	95,95,95,95	0
32	MG	A	3547	1/1	0.99	0.12	98,98,98,98	0
32	MG	A	3549	1/1	0.99	0.04	78,78,78,78	0
32	MG	A	4381	1/1	0.99	0.03	30,30,30,30	0
32	MG	A	4382	1/1	0.99	0.06	30,30,30,30	0
32	MG	B	211	1/1	0.99	0.02	72,72,72,72	0
32	MG	B	212	1/1	0.99	0.03	102,102,102,102	0
32	MG	B	221	1/1	0.99	0.03	61,61,61,61	0
32	MG	B	223	1/1	0.99	0.04	69,69,69,69	0
32	MG	B	224	1/1	0.99	0.03	76,76,76,76	0
32	MG	B	225	1/1	0.99	0.02	4,4,4,4	0
32	MG	B	226	1/1	0.99	0.05	95,95,95,95	0
32	MG	B	227	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	3791	1/1	0.99	0.02	95,95,95,95	0
32	MG	B	229	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	3562	1/1	0.99	0.06	70,70,70,70	0
32	MG	A	3793	1/1	0.99	0.01	15,15,15,15	0
32	MG	A	3794	1/1	0.99	0.02	7,7,7,7	0
32	MG	A	3795	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	3796	1/1	0.99	0.05	95,95,95,95	0
32	MG	B	235	1/1	0.99	0.02	95,95,95,95	0
32	MG	B	236	1/1	0.99	0.02	3,3,3,3	0
32	MG	B	237	1/1	0.99	0.02	23,23,23,23	0
32	MG	C	316	1/1	0.99	0.07	7,7,7,7	0
32	MG	C	317	1/1	0.99	0.07	8,8,8,8	0
32	MG	C	318	1/1	0.99	0.02	1,1,1,1	0
32	MG	A	3798	1/1	0.99	0.02	6,6,6,6	0
32	MG	C	320	1/1	0.99	0.05	36,36,36,36	0
32	MG	A	3800	1/1	0.99	0.03	13,13,13,13	0
32	MG	C	323	1/1	0.99	0.04	23,23,23,23	0
32	MG	C	324	1/1	0.99	0.03	20,20,20,20	0
32	MG	C	325	1/1	0.99	0.01	27,27,27,27	0
32	MG	A	3801	1/1	0.99	0.03	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	C	327	1/1	0.99	0.02	27,27,27,27	0
32	MG	C	328	1/1	0.99	0.09	17,17,17,17	0
32	MG	C	329	1/1	0.99	0.02	30,30,30,30	0
32	MG	A	3577	1/1	0.99	0.04	70,70,70,70	0
32	MG	A	3805	1/1	0.99	0.03	2,2,2,2	0
32	MG	C	334	1/1	0.99	0.03	31,31,31,31	0
32	MG	A	3579	1/1	0.99	0.06	61,61,61,61	0
32	MG	C	336	1/1	0.99	0.01	27,27,27,27	0
32	MG	C	337	1/1	0.99	0.01	30,30,30,30	0
32	MG	C	338	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	3807	1/1	0.99	0.03	31,31,31,31	0
32	MG	C	341	1/1	0.99	0.01	21,21,21,21	0
32	MG	C	342	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	3808	1/1	0.99	0.02	34,34,34,34	0
32	MG	A	3581	1/1	0.99	0.06	77,77,77,77	0
32	MG	D	307	1/1	0.99	0.03	15,15,15,15	0
32	MG	E	311	1/1	0.99	0.05	95,95,95,95	0
32	MG	E	312	1/1	0.99	0.03	5,5,5,5	0
32	MG	E	313	1/1	0.99	0.03	4,4,4,4	0
32	MG	E	314	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	3582	1/1	0.99	0.04	65,65,65,65	0
32	MG	A	3811	1/1	0.99	0.03	19,19,19,19	0
32	MG	E	319	1/1	0.99	0.02	18,18,18,18	0
32	MG	E	320	1/1	0.99	0.01	19,19,19,19	0
32	MG	A	3583	1/1	0.99	0.04	66,66,66,66	0
32	MG	E	322	1/1	0.99	0.01	15,15,15,15	0
32	MG	E	323	1/1	0.99	0.05	21,21,21,21	0
32	MG	A	3813	1/1	0.99	0.04	6,6,6,6	0
32	MG	A	3044	1/1	0.99	0.03	87,87,87,87	0
32	MG	E	326	1/1	0.99	0.02	23,23,23,23	0
32	MG	E	327	1/1	0.99	0.01	25,25,25,25	0
32	MG	E	328	1/1	0.99	0.02	28,28,28,28	0
32	MG	E	329	1/1	0.99	0.03	28,28,28,28	0
32	MG	E	330	1/1	0.99	0.04	31,31,31,31	0
32	MG	F	204	1/1	0.99	0.02	20,20,20,20	0
32	MG	A	3048	1/1	0.99	0.02	79,79,79,79	0
32	MG	G	201	1/1	0.99	0.02	22,22,22,22	0
32	MG	H	201	1/1	0.99	0.01	23,23,23,23	0
32	MG	H	202	1/1	0.99	0.03	28,28,28,28	0
32	MG	H	205	1/1	0.99	0.01	27,27,27,27	0
32	MG	H	206	1/1	0.99	0.04	24,24,24,24	0
32	MG	H	207	1/1	0.99	0.01	18,18,18,18	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3050	1/1	0.99	0.02	89,89,89,89	0
32	MG	A	3817	1/1	0.99	0.02	95,95,95,95	0
32	MG	I	210	1/1	0.99	0.03	8,8,8,8	0
32	MG	I	211	1/1	0.99	0.03	17,17,17,17	0
32	MG	J	201	1/1	0.99	0.03	89,89,89,89	0
32	MG	A	3818	1/1	0.99	0.03	19,19,19,19	0
32	MG	J	204	1/1	0.99	0.02	24,24,24,24	0
32	MG	A	3819	1/1	0.99	0.02	1,1,1,1	0
32	MG	J	206	1/1	0.99	0.02	15,15,15,15	0
32	MG	J	207	1/1	0.99	0.02	23,23,23,23	0
32	MG	J	208	1/1	0.99	0.02	27,27,27,27	0
32	MG	J	209	1/1	0.99	0.05	28,28,28,28	0
32	MG	K	207	1/1	0.99	0.07	95,95,95,95	0
32	MG	K	208	1/1	0.99	0.03	95,95,95,95	0
32	MG	K	209	1/1	0.99	0.02	6,6,6,6	0
32	MG	A	3820	1/1	0.99	0.02	16,16,16,16	0
32	MG	K	211	1/1	0.99	0.01	95,95,95,95	0
32	MG	K	213	1/1	0.99	0.02	95,95,95,95	0
32	MG	A	3821	1/1	0.99	0.02	9,9,9,9	0
32	MG	A	3603	1/1	0.99	0.03	95,95,95,95	0
32	MG	K	217	1/1	0.99	0.06	28,28,28,28	0
32	MG	K	219	1/1	0.99	0.01	26,26,26,26	0
32	MG	K	220	1/1	0.99	0.01	25,25,25,25	0
32	MG	A	3823	1/1	0.99	0.02	34,34,34,34	0
32	MG	K	222	1/1	0.99	0.02	21,21,21,21	0
32	MG	L	205	1/1	0.99	0.03	44,44,44,44	0
32	MG	L	207	1/1	0.99	0.08	5,5,5,5	0
32	MG	A	3824	1/1	0.99	0.02	95,95,95,95	0
32	MG	M	203	1/1	0.99	0.07	3,3,3,3	0
32	MG	A	3825	1/1	0.99	0.03	10,10,10,10	0
32	MG	O	203	1/1	0.99	0.05	95,95,95,95	0
32	MG	A	3826	1/1	0.99	0.05	5,5,5,5	0
32	MG	O	205	1/1	0.99	0.02	21,21,21,21	0
32	MG	O	208	1/1	0.99	0.02	95,95,95,95	0
32	MG	O	209	1/1	0.99	0.02	95,95,95,95	0
32	MG	A	3604	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	3828	1/1	0.99	0.07	29,29,29,29	0
32	MG	P	206	1/1	0.99	0.02	14,14,14,14	0
32	MG	P	207	1/1	0.99	0.07	59,59,59,59	0
32	MG	Q	201	1/1	0.99	0.03	19,19,19,19	0
32	MG	A	3606	1/1	0.99	0.05	6,6,6,6	0
32	MG	Q	203	1/1	0.99	0.01	22,22,22,22	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	Q	204	1/1	0.99	0.02	31,31,31,31	0
32	MG	Q	205	1/1	0.99	0.03	22,22,22,22	0
32	MG	Q	207	1/1	0.99	0.01	24,24,24,24	0
32	MG	A	3607	1/1	0.99	0.07	7,7,7,7	0
32	MG	Q	209	1/1	0.99	0.01	21,21,21,21	0
32	MG	A	3831	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	3832	1/1	0.99	0.04	18,18,18,18	0
32	MG	R	207	1/1	0.99	0.02	5,5,5,5	0
32	MG	R	208	1/1	0.99	0.03	1,1,1,1	0
32	MG	A	3833	1/1	0.99	0.02	4,4,4,4	0
32	MG	R	210	1/1	0.99	0.08	19,19,19,19	0
32	MG	A	3834	1/1	0.99	0.04	95,95,95,95	0
32	MG	R	212	1/1	0.99	0.06	24,24,24,24	0
32	MG	A	3835	1/1	0.99	0.03	52,52,52,52	0
32	MG	R	214	1/1	0.99	0.02	20,20,20,20	0
32	MG	R	215	1/1	0.99	0.03	23,23,23,23	0
32	MG	A	3608	1/1	0.99	0.12	23,23,23,23	0
32	MG	R	219	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	3837	1/1	0.99	0.05	1,1,1,1	0
32	MG	S	106	1/1	0.99	0.03	17,17,17,17	0
32	MG	S	108	1/1	0.99	0.02	26,26,26,26	0
32	MG	S	109	1/1	0.99	0.03	18,18,18,18	0
32	MG	T	506	1/1	0.99	0.02	29,29,29,29	0
32	MG	T	507	1/1	0.99	0.04	45,45,45,45	0
32	MG	A	3838	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	3840	1/1	0.99	0.03	95,95,95,95	0
32	MG	T	511	1/1	0.99	0.04	23,23,23,23	0
32	MG	T	513	1/1	0.99	0.02	34,34,34,34	0
32	MG	T	514	1/1	0.99	0.03	20,20,20,20	0
32	MG	T	515	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	3841	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	3842	1/1	0.99	0.03	5,5,5,5	0
32	MG	T	518	1/1	0.99	0.02	24,24,24,24	0
32	MG	U	305	1/1	0.99	0.02	8,8,8,8	0
32	MG	U	306	1/1	0.99	0.05	9,9,9,9	0
32	MG	A	3844	1/1	0.99	0.04	95,95,95,95	0
32	MG	U	308	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	3845	1/1	0.99	0.06	95,95,95,95	0
32	MG	A	3846	1/1	0.99	0.02	5,5,5,5	0
32	MG	A	3847	1/1	0.99	0.05	95,95,95,95	0
32	MG	A	3051	1/1	0.99	0.04	120,120,120,120	0
32	MG	W	111	1/1	0.99	0.06	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	W	112	1/1	0.99	0.07	4,4,4,4	0
32	MG	W	114	1/1	0.99	0.02	2,2,2,2	0
32	MG	W	115	1/1	0.99	0.03	23,23,23,23	0
32	MG	X	106	1/1	0.99	0.03	31,31,31,31	0
32	MG	A	3610	1/1	0.99	0.03	4,4,4,4	0
32	MG	A	3850	1/1	0.99	0.04	37,37,37,37	0
32	MG	A	3612	1/1	0.99	0.01	10,10,10,10	0
32	MG	X	111	1/1	0.99	0.03	26,26,26,26	0
32	MG	X	112	1/1	0.99	0.03	30,30,30,30	0
32	MG	X	113	1/1	0.99	0.02	31,31,31,31	0
32	MG	X	114	1/1	0.99	0.03	27,27,27,27	0
32	MG	X	115	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	3613	1/1	0.99	0.04	23,23,23,23	0
32	MG	0	101	1/1	0.99	0.04	75,75,75,75	0
32	MG	0	103	1/1	0.99	0.08	95,95,95,95	0
32	MG	0	104	1/1	0.99	0.02	37,37,37,37	0
32	MG	A	3855	1/1	0.99	0.06	95,95,95,95	0
32	MG	0	106	1/1	0.99	0.02	34,34,34,34	0
32	MG	0	107	1/1	0.99	0.03	31,31,31,31	0
32	MG	2	103	1/1	0.99	0.04	63,63,63,63	0
32	MG	A	3856	1/1	0.99	0.03	8,8,8,8	0
32	MG	2	107	1/1	0.99	0.04	1,1,1,1	0
32	MG	2	108	1/1	0.99	0.04	31,31,31,31	0
32	MG	2	109	1/1	0.99	0.04	27,27,27,27	0
32	MG	2	110	1/1	0.99	0.13	26,26,26,26	0
32	MG	2	111	1/1	0.99	0.04	26,26,26,26	0
32	MG	a	3006	1/1	0.99	0.03	48,48,48,48	0
32	MG	a	3027	1/1	0.99	0.06	71,71,71,71	0
32	MG	a	3052	1/1	0.99	0.03	51,51,51,51	0
32	MG	a	3079	1/1	0.99	0.04	89,89,89,89	0
32	MG	a	3094	1/1	0.99	0.03	93,93,93,93	0
32	MG	A	3858	1/1	0.99	0.03	1,1,1,1	0
32	MG	A	3614	1/1	0.99	0.03	3,3,3,3	0
32	MG	a	3190	1/1	0.99	0.08	51,51,51,51	0
32	MG	A	3618	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	3235	1/1	0.99	0.03	55,55,55,55	0
32	MG	a	3242	1/1	0.99	0.04	56,56,56,56	0
32	MG	a	3247	1/1	0.99	0.04	60,60,60,60	0
32	MG	a	3274	1/1	0.99	0.04	61,61,61,61	0
32	MG	A	3862	1/1	0.99	0.03	5,5,5,5	0
32	MG	a	3276	1/1	0.99	0.03	56,56,56,56	0
32	MG	a	3278	1/1	0.99	0.04	97,97,97,97	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3283	1/1	0.99	0.03	97,97,97,97	0
32	MG	a	3293	1/1	0.99	0.04	47,47,47,47	0
32	MG	a	3300	1/1	0.99	0.03	97,97,97,97	0
32	MG	a	3301	1/1	0.99	0.03	50,50,50,50	0
32	MG	A	3864	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	3304	1/1	0.99	0.03	47,47,47,47	0
32	MG	A	3865	1/1	0.99	0.04	1,1,1,1	0
32	MG	a	3312	1/1	0.99	0.04	76,76,76,76	0
32	MG	A	3619	1/1	0.99	0.03	23,23,23,23	0
32	MG	a	3333	1/1	0.99	0.03	50,50,50,50	0
32	MG	a	3342	1/1	0.99	0.05	68,68,68,68	0
32	MG	a	3348	1/1	0.99	0.04	56,56,56,56	0
32	MG	A	3867	1/1	0.99	0.02	95,95,95,95	0
32	MG	a	3371	1/1	0.99	0.02	115,115,115,115	0
32	MG	a	3375	1/1	0.99	0.04	75,75,75,75	0
32	MG	a	3388	1/1	0.99	0.07	66,66,66,66	0
32	MG	a	3394	1/1	0.99	0.05	71,71,71,71	0
32	MG	a	3416	1/1	0.99	0.03	64,64,64,64	0
32	MG	a	3430	1/1	0.99	0.04	38,38,38,38	0
32	MG	a	3433	1/1	0.99	0.07	69,69,69,69	0
32	MG	a	3438	1/1	0.99	0.04	64,64,64,64	0
32	MG	a	3447	1/1	0.99	0.05	74,74,74,74	0
32	MG	a	3460	1/1	0.99	0.03	67,67,67,67	0
32	MG	a	3463	1/1	0.99	0.04	47,47,47,47	0
32	MG	a	3477	1/1	0.99	0.03	62,62,62,62	0
32	MG	a	3479	1/1	0.99	0.04	79,79,79,79	0
32	MG	a	3480	1/1	0.99	0.05	50,50,50,50	0
32	MG	a	3481	1/1	0.99	0.03	59,59,59,59	0
32	MG	a	3487	1/1	0.99	0.04	65,65,65,65	0
32	MG	a	3491	1/1	0.99	0.02	75,75,75,75	0
32	MG	a	3506	1/1	0.99	0.04	66,66,66,66	0
32	MG	a	3522	1/1	0.99	0.02	60,60,60,60	0
32	MG	a	3527	1/1	0.99	0.07	42,42,42,42	0
32	MG	A	3015	1/1	0.99	0.03	53,53,53,53	0
32	MG	a	3533	1/1	0.99	0.04	60,60,60,60	0
32	MG	a	3541	1/1	0.99	0.03	100,100,100,100	0
32	MG	a	3542	1/1	0.99	0.06	56,56,56,56	0
32	MG	a	3548	1/1	0.99	0.03	69,69,69,69	0
32	MG	a	3550	1/1	0.99	0.05	84,84,84,84	0
32	MG	a	3554	1/1	0.99	0.03	71,71,71,71	0
32	MG	a	3582	1/1	0.99	0.06	104,104,104,104	0
32	MG	a	3586	1/1	0.99	0.02	83,83,83,83	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	3591	1/1	0.99	0.06	102,102,102,102	0
32	MG	A	3870	1/1	0.99	0.01	14,14,14,14	0
32	MG	a	3601	1/1	0.99	0.04	87,87,87,87	0
32	MG	a	3629	1/1	0.99	0.06	80,80,80,80	0
32	MG	a	3633	1/1	0.99	0.05	93,93,93,93	0
32	MG	a	3638	1/1	0.99	0.04	75,75,75,75	0
32	MG	a	3641	1/1	0.99	0.03	70,70,70,70	0
32	MG	a	3645	1/1	0.99	0.03	93,93,93,93	0
32	MG	a	3647	1/1	0.99	0.06	70,70,70,70	0
32	MG	a	3650	1/1	0.99	0.02	81,81,81,81	0
32	MG	a	3651	1/1	0.99	0.06	61,61,61,61	0
32	MG	a	3652	1/1	0.99	0.08	78,78,78,78	0
32	MG	a	3654	1/1	0.99	0.08	115,115,115,115	0
32	MG	A	3871	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	3658	1/1	0.99	0.03	74,74,74,74	0
32	MG	a	3660	1/1	0.99	0.03	76,76,76,76	0
32	MG	a	3661	1/1	0.99	0.06	66,66,66,66	0
32	MG	a	3671	1/1	0.99	0.02	70,70,70,70	0
32	MG	a	3675	1/1	0.99	0.02	86,86,86,86	0
32	MG	a	3679	1/1	0.99	0.05	86,86,86,86	0
32	MG	a	3680	1/1	0.99	0.05	99,99,99,99	0
32	MG	a	3685	1/1	0.99	0.04	104,104,104,104	0
32	MG	a	3696	1/1	0.99	0.03	79,79,79,79	0
32	MG	a	3700	1/1	0.99	0.03	66,66,66,66	0
32	MG	a	3702	1/1	0.99	0.04	79,79,79,79	0
32	MG	a	3706	1/1	0.99	0.03	77,77,77,77	0
32	MG	a	3708	1/1	0.99	0.03	86,86,86,86	0
32	MG	A	3070	1/1	0.99	0.03	85,85,85,85	0
32	MG	a	3716	1/1	0.99	0.07	69,69,69,69	0
32	MG	a	3723	1/1	0.99	0.12	85,85,85,85	0
32	MG	A	3874	1/1	0.99	0.03	72,72,72,72	0
32	MG	A	3876	1/1	0.99	0.04	18,18,18,18	0
32	MG	a	3729	1/1	0.99	0.02	77,77,77,77	0
32	MG	a	3736	1/1	0.99	0.03	73,73,73,73	0
32	MG	a	3744	1/1	0.99	0.06	70,70,70,70	0
32	MG	a	3745	1/1	0.99	0.06	73,73,73,73	0
32	MG	a	3746	1/1	0.99	0.06	80,80,80,80	0
32	MG	a	3752	1/1	0.99	0.03	71,71,71,71	0
32	MG	a	3761	1/1	0.99	0.06	72,72,72,72	0
32	MG	a	3768	1/1	0.99	0.07	84,84,84,84	0
32	MG	a	3770	1/1	0.99	0.06	75,75,75,75	0
32	MG	a	3784	1/1	0.99	0.02	75,75,75,75	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	3789	1/1	0.99	0.03	62,62,62,62	0
32	MG	a	3791	1/1	0.99	0.06	117,117,117,117	0
32	MG	a	3794	1/1	0.99	0.03	59,59,59,59	0
32	MG	a	3795	1/1	0.99	0.03	103,103,103,103	0
32	MG	A	3877	1/1	0.99	0.05	22,22,22,22	0
32	MG	a	3805	1/1	0.99	0.07	95,95,95,95	0
32	MG	A	3078	1/1	0.99	0.02	146,146,146,146	0
32	MG	a	3807	1/1	0.99	0.04	24,24,24,24	0
32	MG	a	3808	1/1	0.99	0.03	8,8,8,8	0
32	MG	a	3809	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	3623	1/1	0.99	0.04	3,3,3,3	0
32	MG	a	3811	1/1	0.99	0.03	19,19,19,19	0
32	MG	A	3625	1/1	0.99	0.03	15,15,15,15	0
32	MG	a	3814	1/1	0.99	0.14	16,16,16,16	0
32	MG	A	3884	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	3817	1/1	0.99	0.03	19,19,19,19	0
32	MG	A	3885	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	3820	1/1	0.99	0.03	4,4,4,4	0
32	MG	A	3886	1/1	0.99	0.03	17,17,17,17	0
32	MG	a	3822	1/1	0.99	0.06	17,17,17,17	0
32	MG	A	3887	1/1	0.99	0.04	24,24,24,24	0
32	MG	a	3824	1/1	0.99	0.06	15,15,15,15	0
32	MG	a	3827	1/1	0.99	0.06	29,29,29,29	0
32	MG	A	3888	1/1	0.99	0.03	1,1,1,1	0
32	MG	a	3831	1/1	0.99	0.05	4,4,4,4	0
32	MG	a	3833	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	3836	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	3837	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	3841	1/1	0.99	0.04	2,2,2,2	0
32	MG	a	3843	1/1	0.99	0.04	1,1,1,1	0
32	MG	a	3844	1/1	0.99	0.04	2,2,2,2	0
32	MG	a	3845	1/1	0.99	0.04	5,5,5,5	0
32	MG	a	3846	1/1	0.99	0.04	0,0,0,0	0
32	MG	a	3847	1/1	0.99	0.06	19,19,19,19	0
32	MG	a	3848	1/1	0.99	0.05	26,26,26,26	0
32	MG	a	3851	1/1	0.99	0.04	13,13,13,13	0
32	MG	a	3852	1/1	0.99	0.07	28,28,28,28	0
32	MG	a	3853	1/1	0.99	0.02	49,49,49,49	0
32	MG	A	3628	1/1	0.99	0.08	8,8,8,8	0
32	MG	a	3855	1/1	0.99	0.06	31,31,31,31	0
32	MG	A	3890	1/1	0.99	0.01	47,47,47,47	0
32	MG	a	3858	1/1	0.99	0.03	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3862	1/1	0.99	0.05	81,81,81,81	0
32	MG	a	3863	1/1	0.99	0.04	1,1,1,1	0
32	MG	a	3864	1/1	0.99	0.04	5,5,5,5	0
32	MG	A	3891	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	3868	1/1	0.99	0.03	7,7,7,7	0
32	MG	a	3869	1/1	0.99	0.07	2,2,2,2	0
32	MG	a	3870	1/1	0.99	0.04	59,59,59,59	0
32	MG	A	3892	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	3872	1/1	0.99	0.05	16,16,16,16	0
32	MG	a	3873	1/1	0.99	0.04	6,6,6,6	0
32	MG	a	3874	1/1	0.99	0.03	1,1,1,1	0
32	MG	a	3875	1/1	0.99	0.03	43,43,43,43	0
32	MG	A	3893	1/1	0.99	0.02	17,17,17,17	0
32	MG	A	3629	1/1	0.99	0.02	3,3,3,3	0
32	MG	A	3895	1/1	0.99	0.02	2,2,2,2	0
32	MG	a	3880	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	3881	1/1	0.99	0.05	52,52,52,52	0
32	MG	A	3631	1/1	0.99	0.03	19,19,19,19	0
32	MG	a	3883	1/1	0.99	0.02	4,4,4,4	0
32	MG	a	3884	1/1	0.99	0.08	14,14,14,14	0
32	MG	a	3886	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	3897	1/1	0.99	0.02	37,37,37,37	0
32	MG	A	3632	1/1	0.99	0.05	23,23,23,23	0
32	MG	a	3890	1/1	0.99	0.02	0,0,0,0	0
32	MG	A	3899	1/1	0.99	0.03	7,7,7,7	0
32	MG	a	3893	1/1	0.99	0.02	0,0,0,0	0
32	MG	a	3894	1/1	0.99	0.06	11,11,11,11	0
32	MG	A	3900	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	3901	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	3897	1/1	0.99	0.05	0,0,0,0	0
32	MG	A	3902	1/1	0.99	0.02	23,23,23,23	0
32	MG	A	3903	1/1	0.99	0.04	2,2,2,2	0
32	MG	A	3904	1/1	0.99	0.03	9,9,9,9	0
32	MG	A	3905	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	3905	1/1	0.99	0.03	6,6,6,6	0
32	MG	A	3907	1/1	0.99	0.02	6,6,6,6	0
32	MG	a	3907	1/1	0.99	0.05	4,4,4,4	0
32	MG	a	3908	1/1	0.99	0.03	27,27,27,27	0
32	MG	A	3908	1/1	0.99	0.02	44,44,44,44	0
32	MG	a	3910	1/1	0.99	0.05	58,58,58,58	0
32	MG	a	3911	1/1	0.99	0.02	3,3,3,3	0
32	MG	a	3913	1/1	0.99	0.10	29,29,29,29	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	3917	1/1	0.99	0.02	9,9,9,9	0
32	MG	a	3918	1/1	0.99	0.02	68,68,68,68	0
32	MG	a	3920	1/1	0.99	0.04	28,28,28,28	0
32	MG	a	3921	1/1	0.99	0.03	6,6,6,6	0
32	MG	A	3910	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	3923	1/1	0.99	0.10	10,10,10,10	0
32	MG	A	3152	1/1	0.99	0.05	38,38,38,38	0
32	MG	a	3925	1/1	0.99	0.07	11,11,11,11	0
32	MG	a	3926	1/1	0.99	0.02	4,4,4,4	0
32	MG	a	3927	1/1	0.99	0.04	4,4,4,4	0
32	MG	a	3929	1/1	0.99	0.11	95,95,95,95	0
32	MG	a	3931	1/1	0.99	0.03	73,73,73,73	0
32	MG	a	3932	1/1	0.99	0.07	95,95,95,95	0
32	MG	a	3933	1/1	0.99	0.03	49,49,49,49	0
32	MG	A	3912	1/1	0.99	0.02	95,95,95,95	0
32	MG	a	3935	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	3936	1/1	0.99	0.06	6,6,6,6	0
32	MG	a	3937	1/1	0.99	0.05	49,49,49,49	0
32	MG	A	3634	1/1	0.99	0.06	39,39,39,39	0
32	MG	a	3939	1/1	0.99	0.02	0,0,0,0	0
32	MG	A	3914	1/1	0.99	0.04	0,0,0,0	0
32	MG	a	3941	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	3943	1/1	0.99	0.03	7,7,7,7	0
32	MG	a	3944	1/1	0.99	0.03	10,10,10,10	0
32	MG	a	3945	1/1	0.99	0.02	14,14,14,14	0
32	MG	A	3635	1/1	0.99	0.04	53,53,53,53	0
32	MG	a	3948	1/1	0.99	0.03	7,7,7,7	0
32	MG	A	3916	1/1	0.99	0.01	2,2,2,2	0
32	MG	A	3917	1/1	0.99	0.02	95,95,95,95	0
32	MG	a	3951	1/1	0.99	0.03	15,15,15,15	0
32	MG	a	3952	1/1	0.99	0.02	1,1,1,1	0
32	MG	a	3953	1/1	0.99	0.03	5,5,5,5	0
32	MG	a	3954	1/1	0.99	0.03	34,34,34,34	0
32	MG	A	3636	1/1	0.99	0.07	7,7,7,7	0
32	MG	A	3637	1/1	0.99	0.07	95,95,95,95	0
32	MG	a	3959	1/1	0.99	0.02	7,7,7,7	0
32	MG	A	3921	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	3961	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	3962	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	3963	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	3922	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	3965	1/1	0.99	0.03	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	3966	1/1	0.99	0.08	95,95,95,95	0
32	MG	a	3967	1/1	0.99	0.07	103,103,103,103	0
32	MG	a	3968	1/1	0.99	0.02	47,47,47,47	0
32	MG	A	3923	1/1	0.99	0.06	46,46,46,46	0
32	MG	a	3971	1/1	0.99	0.04	21,21,21,21	0
32	MG	a	3972	1/1	0.99	0.10	6,6,6,6	0
32	MG	A	3924	1/1	0.99	0.03	4,4,4,4	0
32	MG	a	3974	1/1	0.99	0.03	3,3,3,3	0
32	MG	A	3162	1/1	0.99	0.03	47,47,47,47	0
32	MG	a	3976	1/1	0.99	0.13	6,6,6,6	0
32	MG	A	3928	1/1	0.99	0.04	46,46,46,46	0
32	MG	a	3978	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	3979	1/1	0.99	0.05	23,23,23,23	0
32	MG	A	3639	1/1	0.99	0.06	19,19,19,19	0
32	MG	a	3981	1/1	0.99	0.04	23,23,23,23	0
32	MG	A	3930	1/1	0.99	0.10	95,95,95,95	0
32	MG	A	3931	1/1	0.99	0.03	10,10,10,10	0
32	MG	a	3986	1/1	0.99	0.02	5,5,5,5	0
32	MG	A	3641	1/1	0.99	0.04	25,25,25,25	0
32	MG	A	3933	1/1	0.99	0.03	6,6,6,6	0
32	MG	A	3643	1/1	0.99	0.07	95,95,95,95	0
32	MG	A	3937	1/1	0.99	0.02	18,18,18,18	0
32	MG	a	3992	1/1	0.99	0.03	19,19,19,19	0
32	MG	a	3993	1/1	0.99	0.02	2,2,2,2	0
32	MG	a	3994	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	3995	1/1	0.99	0.05	22,22,22,22	0
32	MG	a	3996	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	3997	1/1	0.99	0.05	55,55,55,55	0
32	MG	a	3998	1/1	0.99	0.04	1,1,1,1	0
32	MG	a	3999	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	4000	1/1	0.99	0.02	24,24,24,24	0
32	MG	a	4001	1/1	0.99	0.04	0,0,0,0	0
32	MG	a	4002	1/1	0.99	0.04	2,2,2,2	0
32	MG	a	4003	1/1	0.99	0.04	1,1,1,1	0
32	MG	a	4005	1/1	0.99	0.06	24,24,24,24	0
32	MG	a	4007	1/1	0.99	0.06	85,85,85,85	0
32	MG	A	3938	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4009	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	3939	1/1	0.99	0.03	1,1,1,1	0
32	MG	A	3644	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4014	1/1	0.99	0.04	60,60,60,60	0
32	MG	a	4015	1/1	0.99	0.04	10,10,10,10	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	3180	1/1	0.99	0.04	61,61,61,61	0
32	MG	a	4018	1/1	0.99	0.05	31,31,31,31	0
32	MG	a	4019	1/1	0.99	0.04	13,13,13,13	0
32	MG	A	3943	1/1	0.99	0.09	95,95,95,95	0
32	MG	A	3944	1/1	0.99	0.03	9,9,9,9	0
32	MG	a	4022	1/1	0.99	0.04	25,25,25,25	0
32	MG	A	3198	1/1	0.99	0.03	54,54,54,54	0
32	MG	a	4026	1/1	0.99	0.03	11,11,11,11	0
32	MG	a	4027	1/1	0.99	0.03	15,15,15,15	0
32	MG	a	4028	1/1	0.99	0.04	31,31,31,31	0
32	MG	A	3947	1/1	0.99	0.08	95,95,95,95	0
32	MG	a	4030	1/1	0.99	0.02	0,0,0,0	0
32	MG	A	3949	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	4033	1/1	0.99	0.05	11,11,11,11	0
32	MG	a	4034	1/1	0.99	0.05	15,15,15,15	0
32	MG	A	3950	1/1	0.99	0.04	5,5,5,5	0
32	MG	a	4039	1/1	0.99	0.04	2,2,2,2	0
32	MG	a	4040	1/1	0.99	0.08	7,7,7,7	0
32	MG	a	4041	1/1	0.99	0.02	95,95,95,95	0
32	MG	a	4042	1/1	0.99	0.05	95,95,95,95	0
32	MG	A	3951	1/1	0.99	0.04	24,24,24,24	0
32	MG	a	4044	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4045	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4047	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	3952	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	4049	1/1	0.99	0.02	2,2,2,2	0
32	MG	A	3953	1/1	0.99	0.03	7,7,7,7	0
32	MG	A	3954	1/1	0.99	0.04	46,46,46,46	0
32	MG	A	3208	1/1	0.99	0.03	51,51,51,51	0
32	MG	a	4054	1/1	0.99	0.04	1,1,1,1	0
32	MG	A	3231	1/1	0.99	0.04	70,70,70,70	0
32	MG	a	4056	1/1	0.99	0.03	1,1,1,1	0
32	MG	A	3653	1/1	0.99	0.10	95,95,95,95	0
32	MG	a	4059	1/1	0.99	0.02	95,95,95,95	0
32	MG	a	4060	1/1	0.99	0.01	21,21,21,21	0
32	MG	A	3654	1/1	0.99	0.08	95,95,95,95	0
32	MG	a	4063	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4064	1/1	0.99	0.06	41,41,41,41	0
32	MG	a	4065	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	3234	1/1	0.99	0.03	77,77,77,77	0
32	MG	a	4067	1/1	0.99	0.10	54,54,54,54	0
32	MG	a	4068	1/1	0.99	0.03	3,3,3,3	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	3962	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	4070	1/1	0.99	0.02	38,38,38,38	0
32	MG	a	4071	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	4072	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4073	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4074	1/1	0.99	0.03	44,44,44,44	0
32	MG	A	3963	1/1	0.99	0.03	2,2,2,2	0
32	MG	a	4077	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	4078	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	4080	1/1	0.99	0.05	95,95,95,95	0
32	MG	A	3964	1/1	0.99	0.03	3,3,3,3	0
32	MG	a	4082	1/1	0.99	0.04	0,0,0,0	0
32	MG	A	3965	1/1	0.99	0.04	8,8,8,8	0
32	MG	A	3968	1/1	0.99	0.08	22,22,22,22	0
32	MG	A	3970	1/1	0.99	0.03	0,0,0,0	0
32	MG	A	3238	1/1	0.99	0.04	68,68,68,68	0
32	MG	A	3972	1/1	0.99	0.07	20,20,20,20	0
32	MG	a	4088	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	4090	1/1	0.99	0.04	73,73,73,73	0
32	MG	a	4091	1/1	0.99	0.06	12,12,12,12	0
32	MG	a	4092	1/1	0.99	0.03	19,19,19,19	0
32	MG	a	4093	1/1	0.99	0.02	1,1,1,1	0
32	MG	a	4094	1/1	0.99	0.03	10,10,10,10	0
32	MG	a	4095	1/1	0.99	0.06	12,12,12,12	0
32	MG	A	3973	1/1	0.99	0.04	17,17,17,17	0
32	MG	a	4097	1/1	0.99	0.03	21,21,21,21	0
32	MG	a	4098	1/1	0.99	0.04	61,61,61,61	0
32	MG	A	3975	1/1	0.99	0.03	35,35,35,35	0
32	MG	A	3977	1/1	0.99	0.04	16,16,16,16	0
32	MG	A	3978	1/1	0.99	0.04	67,67,67,67	0
32	MG	A	3979	1/1	0.99	0.10	6,6,6,6	0
32	MG	A	3980	1/1	0.99	0.05	51,51,51,51	0
32	MG	A	3983	1/1	0.99	0.04	8,8,8,8	0
32	MG	a	4110	1/1	0.99	0.02	0,0,0,0	0
32	MG	A	3987	1/1	0.99	0.03	27,27,27,27	0
32	MG	a	4113	1/1	0.99	0.02	35,35,35,35	0
32	MG	a	4114	1/1	0.99	0.02	95,95,95,95	0
32	MG	a	4115	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	3246	1/1	0.99	0.03	54,54,54,54	0
32	MG	a	4118	1/1	0.99	0.02	0,0,0,0	0
32	MG	a	4119	1/1	0.99	0.04	32,32,32,32	0
32	MG	A	3247	1/1	0.99	0.05	74,74,74,74	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	4121	1/1	0.99	0.02	45,45,45,45	0
32	MG	a	4122	1/1	0.99	0.02	16,16,16,16	0
32	MG	A	3990	1/1	0.99	0.02	16,16,16,16	0
32	MG	A	3991	1/1	0.99	0.02	23,23,23,23	0
32	MG	A	3992	1/1	0.99	0.02	33,33,33,33	0
32	MG	a	4129	1/1	0.99	0.02	3,3,3,3	0
32	MG	a	4130	1/1	0.99	0.02	14,14,14,14	0
32	MG	A	3663	1/1	0.99	0.04	11,11,11,11	0
32	MG	A	3664	1/1	0.99	0.03	11,11,11,11	0
32	MG	a	4134	1/1	0.99	0.07	21,21,21,21	0
32	MG	A	3997	1/1	0.99	0.03	22,22,22,22	0
32	MG	a	4136	1/1	0.99	0.03	7,7,7,7	0
32	MG	A	3998	1/1	0.99	0.05	60,60,60,60	0
32	MG	A	3999	1/1	0.99	0.02	15,15,15,15	0
32	MG	A	4000	1/1	0.99	0.04	12,12,12,12	0
32	MG	a	4140	1/1	0.99	0.01	2,2,2,2	0
32	MG	A	4001	1/1	0.99	0.03	19,19,19,19	0
32	MG	a	4143	1/1	0.99	0.01	3,3,3,3	0
32	MG	A	4002	1/1	0.99	0.06	18,18,18,18	0
32	MG	a	4146	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	4004	1/1	0.99	0.03	23,23,23,23	0
32	MG	a	4148	1/1	0.99	0.02	49,49,49,49	0
32	MG	A	3665	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	4006	1/1	0.99	0.02	38,38,38,38	0
32	MG	a	4151	1/1	0.99	0.03	3,3,3,3	0
32	MG	A	4007	1/1	0.99	0.01	15,15,15,15	0
32	MG	A	4008	1/1	0.99	0.02	22,22,22,22	0
32	MG	a	4155	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4156	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	4009	1/1	0.99	0.09	40,40,40,40	0
32	MG	a	4158	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	4012	1/1	0.99	0.03	23,23,23,23	0
32	MG	a	4161	1/1	0.99	0.04	0,0,0,0	0
32	MG	a	4162	1/1	0.99	0.05	17,17,17,17	0
32	MG	A	4013	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	4014	1/1	0.99	0.01	18,18,18,18	0
32	MG	a	4166	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	4167	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	4015	1/1	0.99	0.03	21,21,21,21	0
32	MG	A	3666	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4170	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4171	1/1	0.99	0.03	15,15,15,15	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	4174	1/1	0.99	0.01	3,3,3,3	0
32	MG	A	4017	1/1	0.99	0.03	38,38,38,38	0
32	MG	a	4176	1/1	0.99	0.04	95,95,95,95	0
32	MG	a	4177	1/1	0.99	0.02	95,95,95,95	0
32	MG	A	3264	1/1	0.99	0.04	64,64,64,64	0
32	MG	A	4020	1/1	0.99	0.04	64,64,64,64	0
32	MG	A	4021	1/1	0.99	0.02	22,22,22,22	0
32	MG	a	4182	1/1	0.99	0.01	5,5,5,5	0
32	MG	a	4183	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	3669	1/1	0.99	0.06	6,6,6,6	0
32	MG	a	4186	1/1	0.99	0.05	7,7,7,7	0
32	MG	a	4187	1/1	0.99	0.09	95,95,95,95	0
32	MG	a	4188	1/1	0.99	0.06	55,55,55,55	0
32	MG	A	3670	1/1	0.99	0.09	95,95,95,95	0
32	MG	a	4191	1/1	0.99	0.06	4,4,4,4	0
32	MG	A	4024	1/1	0.99	0.02	23,23,23,23	0
32	MG	a	4193	1/1	0.99	0.03	0,0,0,0	0
32	MG	a	4195	1/1	0.99	0.04	28,28,28,28	0
32	MG	a	4196	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	4025	1/1	0.99	0.03	31,31,31,31	0
32	MG	A	4026	1/1	0.99	0.03	31,31,31,31	0
32	MG	a	4199	1/1	0.99	0.02	3,3,3,3	0
32	MG	a	4201	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	4203	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	4204	1/1	0.99	0.08	95,95,95,95	0
32	MG	A	4027	1/1	0.99	0.03	14,14,14,14	0
32	MG	A	3671	1/1	0.99	0.12	1,1,1,1	0
32	MG	a	4207	1/1	0.99	0.02	95,95,95,95	0
32	MG	A	4029	1/1	0.99	0.02	21,21,21,21	0
32	MG	a	4211	1/1	0.99	0.02	3,3,3,3	0
32	MG	A	4030	1/1	0.99	0.04	19,19,19,19	0
32	MG	a	4215	1/1	0.99	0.03	19,19,19,19	0
32	MG	a	4216	1/1	0.99	0.03	12,12,12,12	0
32	MG	a	4217	1/1	0.99	0.05	9,9,9,9	0
32	MG	a	4218	1/1	0.99	0.06	43,43,43,43	0
32	MG	a	4219	1/1	0.99	0.05	5,5,5,5	0
32	MG	A	3672	1/1	0.99	0.06	8,8,8,8	0
32	MG	A	4032	1/1	0.99	0.03	25,25,25,25	0
32	MG	a	4223	1/1	0.99	0.07	13,13,13,13	0
32	MG	A	3673	1/1	0.99	0.05	7,7,7,7	0
32	MG	A	4034	1/1	0.99	0.01	30,30,30,30	0
32	MG	a	4226	1/1	0.99	0.05	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	4227	1/1	0.99	0.04	17,17,17,17	0
32	MG	a	4228	1/1	0.99	0.04	7,7,7,7	0
32	MG	a	4230	1/1	0.99	0.02	47,47,47,47	0
32	MG	a	4231	1/1	0.99	0.03	1,1,1,1	0
32	MG	a	4232	1/1	0.99	0.07	95,95,95,95	0
32	MG	a	4233	1/1	0.99	0.04	10,10,10,10	0
32	MG	a	4234	1/1	0.99	0.03	1,1,1,1	0
32	MG	A	3675	1/1	0.99	0.07	95,95,95,95	0
32	MG	a	4236	1/1	0.99	0.04	9,9,9,9	0
32	MG	a	4237	1/1	0.99	0.05	15,15,15,15	0
32	MG	a	4238	1/1	0.99	0.03	11,11,11,11	0
32	MG	a	4241	1/1	0.99	0.06	41,41,41,41	0
32	MG	a	4242	1/1	0.99	0.04	23,23,23,23	0
32	MG	a	4243	1/1	0.99	0.04	29,29,29,29	0
32	MG	A	4036	1/1	0.99	0.01	26,26,26,26	0
32	MG	a	4245	1/1	0.99	0.03	4,4,4,4	0
32	MG	A	4037	1/1	0.99	0.02	29,29,29,29	0
32	MG	a	4247	1/1	0.99	0.02	0,0,0,0	0
32	MG	a	4250	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	4251	1/1	0.99	0.05	1,1,1,1	0
32	MG	a	4252	1/1	0.99	0.03	15,15,15,15	0
32	MG	a	4253	1/1	0.99	0.03	6,6,6,6	0
32	MG	a	4254	1/1	0.99	0.07	95,95,95,95	0
32	MG	a	4255	1/1	0.99	0.07	95,95,95,95	0
32	MG	a	4257	1/1	0.99	0.01	28,28,28,28	0
32	MG	A	4038	1/1	0.99	0.01	19,19,19,19	0
32	MG	a	4259	1/1	0.99	0.03	18,18,18,18	0
32	MG	A	3273	1/1	0.99	0.04	51,51,51,51	0
32	MG	a	4261	1/1	0.99	0.02	27,27,27,27	0
32	MG	a	4262	1/1	0.99	0.02	28,28,28,28	0
32	MG	a	4264	1/1	0.99	0.02	22,22,22,22	0
32	MG	a	4265	1/1	0.99	0.02	27,27,27,27	0
32	MG	a	4266	1/1	0.99	0.01	23,23,23,23	0
32	MG	a	4267	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	4042	1/1	0.99	0.02	16,16,16,16	0
32	MG	A	4043	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4270	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4272	1/1	0.99	0.01	32,32,32,32	0
32	MG	a	4273	1/1	0.99	0.05	15,15,15,15	0
32	MG	a	4274	1/1	0.99	0.04	29,29,29,29	0
32	MG	a	4275	1/1	0.99	0.02	28,28,28,28	0
32	MG	a	4276	1/1	0.99	0.04	24,24,24,24	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	4277	1/1	0.99	0.05	34,34,34,34	0
32	MG	a	4278	1/1	0.99	0.02	23,23,23,23	0
32	MG	A	4044	1/1	0.99	0.01	27,27,27,27	0
32	MG	a	4281	1/1	0.99	0.05	25,25,25,25	0
32	MG	A	4045	1/1	0.99	0.01	28,28,28,28	0
32	MG	A	4046	1/1	0.99	0.03	27,27,27,27	0
32	MG	A	3677	1/1	0.99	0.02	1,1,1,1	0
32	MG	a	4285	1/1	0.99	0.01	28,28,28,28	0
32	MG	A	4048	1/1	0.99	0.02	24,24,24,24	0
32	MG	a	4287	1/1	0.99	0.01	29,29,29,29	0
32	MG	a	4288	1/1	0.99	0.03	29,29,29,29	0
32	MG	a	4289	1/1	0.99	0.03	28,28,28,28	0
32	MG	a	4290	1/1	0.99	0.03	19,19,19,19	0
32	MG	A	3280	1/1	0.99	0.03	51,51,51,51	0
32	MG	a	4293	1/1	0.99	0.03	28,28,28,28	0
32	MG	a	4294	1/1	0.99	0.08	29,29,29,29	0
32	MG	A	4050	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	4051	1/1	0.99	0.02	23,23,23,23	0
32	MG	a	4297	1/1	0.99	0.04	26,26,26,26	0
32	MG	A	3281	1/1	0.99	0.05	59,59,59,59	0
32	MG	a	4299	1/1	0.99	0.02	30,30,30,30	0
32	MG	a	4300	1/1	0.99	0.03	25,25,25,25	0
32	MG	A	4053	1/1	0.99	0.03	24,24,24,24	0
32	MG	a	4302	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4303	1/1	0.99	0.05	21,21,21,21	0
32	MG	a	4305	1/1	0.99	0.03	30,30,30,30	0
32	MG	a	4306	1/1	0.99	0.03	21,21,21,21	0
32	MG	a	4307	1/1	0.99	0.02	23,23,23,23	0
32	MG	a	4309	1/1	0.99	0.03	25,25,25,25	0
32	MG	A	4054	1/1	0.99	0.03	30,30,30,30	0
32	MG	A	4056	1/1	0.99	0.04	26,26,26,26	0
32	MG	A	4057	1/1	0.99	0.02	22,22,22,22	0
32	MG	A	3682	1/1	0.99	0.04	6,6,6,6	0
32	MG	A	4059	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	4060	1/1	0.99	0.03	27,27,27,27	0
32	MG	A	3294	1/1	0.99	0.03	90,90,90,90	0
32	MG	A	4062	1/1	0.99	0.03	19,19,19,19	0
32	MG	a	4318	1/1	0.99	0.02	28,28,28,28	0
32	MG	a	4319	1/1	0.99	0.03	24,24,24,24	0
32	MG	A	4063	1/1	0.99	0.04	28,28,28,28	0
32	MG	a	4321	1/1	0.99	0.02	19,19,19,19	0
32	MG	a	4323	1/1	0.99	0.03	27,27,27,27	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	4324	1/1	0.99	0.04	29,29,29,29	0
32	MG	a	4325	1/1	0.99	0.04	28,28,28,28	0
32	MG	a	4326	1/1	0.99	0.03	31,31,31,31	0
32	MG	A	4064	1/1	0.99	0.05	26,26,26,26	0
32	MG	A	4065	1/1	0.99	0.04	37,37,37,37	0
32	MG	A	3684	1/1	0.99	0.04	20,20,20,20	0
32	MG	a	4334	1/1	0.99	0.02	23,23,23,23	0
32	MG	A	4069	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	4070	1/1	0.99	0.01	28,28,28,28	0
32	MG	a	4337	1/1	0.99	0.03	29,29,29,29	0
32	MG	a	4338	1/1	0.99	0.02	21,21,21,21	0
32	MG	a	4339	1/1	0.99	0.07	28,28,28,28	0
32	MG	a	4340	1/1	0.99	0.03	31,31,31,31	0
32	MG	a	4341	1/1	0.99	0.04	32,32,32,32	0
32	MG	A	4071	1/1	0.99	0.02	29,29,29,29	0
32	MG	a	4346	1/1	0.99	0.02	23,23,23,23	0
32	MG	a	4347	1/1	0.99	0.01	27,27,27,27	0
32	MG	a	4348	1/1	0.99	0.02	20,20,20,20	0
32	MG	a	4349	1/1	0.99	0.02	27,27,27,27	0
32	MG	A	4072	1/1	0.99	0.07	35,35,35,35	0
32	MG	a	4351	1/1	0.99	0.02	29,29,29,29	0
32	MG	a	4352	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	3301	1/1	0.99	0.03	70,70,70,70	0
32	MG	a	4354	1/1	0.99	0.02	22,22,22,22	0
32	MG	a	4355	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	3686	1/1	0.99	0.03	14,14,14,14	0
32	MG	A	4075	1/1	0.99	0.02	21,21,21,21	0
32	MG	a	4359	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	4076	1/1	0.99	0.01	24,24,24,24	0
32	MG	a	4362	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4364	1/1	0.99	0.02	30,30,30,30	0
32	MG	a	4365	1/1	0.99	0.02	33,33,33,33	0
32	MG	a	4366	1/1	0.99	0.01	30,30,30,30	0
32	MG	a	4367	1/1	0.99	0.01	31,31,31,31	0
32	MG	a	4368	1/1	0.99	0.03	32,32,32,32	0
32	MG	a	4369	1/1	0.99	0.04	27,27,27,27	0
32	MG	A	4077	1/1	0.99	0.02	23,23,23,23	0
32	MG	a	4371	1/1	0.99	0.03	33,33,33,33	0
32	MG	a	4372	1/1	0.99	0.05	24,24,24,24	0
32	MG	A	4078	1/1	0.99	0.02	30,30,30,30	0
32	MG	A	3687	1/1	0.99	0.03	11,11,11,11	0
32	MG	A	4081	1/1	0.99	0.04	23,23,23,23	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	4376	1/1	0.99	0.02	24,24,24,24	0
32	MG	A	3688	1/1	0.99	0.04	8,8,8,8	0
32	MG	a	4378	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	4083	1/1	0.99	0.04	26,26,26,26	0
32	MG	a	4380	1/1	0.99	0.03	28,28,28,28	0
32	MG	a	4381	1/1	0.99	0.03	26,26,26,26	0
32	MG	a	4382	1/1	0.99	0.03	30,30,30,30	0
32	MG	a	4383	1/1	0.99	0.02	24,24,24,24	0
32	MG	a	4386	1/1	0.99	0.04	19,19,19,19	0
32	MG	a	4387	1/1	0.99	0.01	33,33,33,33	0
32	MG	a	4388	1/1	0.99	0.01	27,27,27,27	0
32	MG	a	4389	1/1	0.99	0.02	27,27,27,27	0
32	MG	A	3689	1/1	0.99	0.03	9,9,9,9	0
32	MG	A	3690	1/1	0.99	0.05	95,95,95,95	0
32	MG	a	4393	1/1	0.99	0.02	14,14,14,14	0
32	MG	A	4086	1/1	0.99	0.05	29,29,29,29	0
32	MG	A	4088	1/1	0.99	0.04	31,31,31,31	0
32	MG	A	3691	1/1	0.99	0.06	13,13,13,13	0
32	MG	a	4397	1/1	0.99	0.02	28,28,28,28	0
32	MG	a	4398	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	4090	1/1	0.99	0.03	30,30,30,30	0
32	MG	A	3305	1/1	0.99	0.06	63,63,63,63	0
32	MG	a	4402	1/1	0.99	0.03	24,24,24,24	0
32	MG	A	4092	1/1	0.99	0.07	24,24,24,24	0
32	MG	a	4404	1/1	0.99	0.02	24,24,24,24	0
32	MG	A	4093	1/1	0.99	0.04	28,28,28,28	0
32	MG	A	4095	1/1	0.99	0.02	27,27,27,27	0
32	MG	A	3694	1/1	0.99	0.07	7,7,7,7	0
32	MG	a	4408	1/1	0.99	0.02	28,28,28,28	0
32	MG	a	4409	1/1	0.99	0.02	30,30,30,30	0
32	MG	a	4412	1/1	0.99	0.02	36,36,36,36	0
32	MG	A	3695	1/1	0.99	0.03	95,95,95,95	0
32	MG	a	4414	1/1	0.99	0.01	27,27,27,27	0
32	MG	a	4415	1/1	0.99	0.02	24,24,24,24	0
32	MG	a	4416	1/1	0.99	0.02	35,35,35,35	0
32	MG	A	4099	1/1	0.99	0.02	32,32,32,32	0
32	MG	A	3316	1/1	0.99	0.04	74,74,74,74	0
32	MG	a	4419	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4420	1/1	0.99	0.02	21,21,21,21	0
32	MG	a	4421	1/1	0.99	0.03	22,22,22,22	0
32	MG	A	3318	1/1	0.99	0.07	55,55,55,55	0
32	MG	a	4424	1/1	0.99	0.04	14,14,14,14	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	4426	1/1	0.99	0.06	31,31,31,31	0
32	MG	A	4102	1/1	0.99	0.03	31,31,31,31	0
32	MG	A	4103	1/1	0.99	0.02	16,16,16,16	0
32	MG	a	4429	1/1	0.99	0.04	30,30,30,30	0
32	MG	a	4430	1/1	0.99	0.04	31,31,31,31	0
32	MG	a	4431	1/1	0.99	0.02	24,24,24,24	0
32	MG	a	4434	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	3698	1/1	0.99	0.05	38,38,38,38	0
32	MG	a	4436	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	4105	1/1	0.99	0.04	27,27,27,27	0
32	MG	a	4441	1/1	0.99	0.03	27,27,27,27	0
32	MG	a	4443	1/1	0.99	0.03	22,22,22,22	0
32	MG	a	4444	1/1	0.99	0.04	24,24,24,24	0
32	MG	A	3699	1/1	0.99	0.04	42,42,42,42	0
32	MG	a	4447	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4448	1/1	0.99	0.02	31,31,31,31	0
32	MG	a	4449	1/1	0.99	0.02	30,30,30,30	0
32	MG	a	4450	1/1	0.99	0.02	24,24,24,24	0
32	MG	A	4107	1/1	0.99	0.05	19,19,19,19	0
32	MG	A	3323	1/1	0.99	0.04	79,79,79,79	0
32	MG	a	4453	1/1	0.99	0.04	21,21,21,21	0
32	MG	A	4110	1/1	0.99	0.03	23,23,23,23	0
32	MG	a	4455	1/1	0.99	0.02	30,30,30,30	0
32	MG	A	4111	1/1	0.99	0.03	27,27,27,27	0
32	MG	A	4112	1/1	0.99	0.09	23,23,23,23	0
32	MG	A	4114	1/1	0.99	0.03	27,27,27,27	0
32	MG	a	4460	1/1	0.99	0.04	27,27,27,27	0
32	MG	a	4461	1/1	0.99	0.04	28,28,28,28	0
32	MG	A	3334	1/1	0.99	0.03	43,43,43,43	0
32	MG	a	4463	1/1	0.99	0.03	29,29,29,29	0
32	MG	a	4464	1/1	0.99	0.03	33,33,33,33	0
32	MG	a	4465	1/1	0.99	0.06	22,22,22,22	0
32	MG	a	4467	1/1	0.99	0.01	24,24,24,24	0
32	MG	a	4468	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	3335	1/1	0.99	0.04	66,66,66,66	0
32	MG	a	4470	1/1	0.99	0.03	30,30,30,30	0
32	MG	A	4118	1/1	0.99	0.04	21,21,21,21	0
32	MG	a	4475	1/1	0.99	0.03	25,25,25,25	0
32	MG	a	4476	1/1	0.99	0.02	28,28,28,28	0
32	MG	a	4477	1/1	0.99	0.03	25,25,25,25	0
32	MG	A	3344	1/1	0.99	0.04	71,71,71,71	0
32	MG	a	4480	1/1	0.99	0.03	30,30,30,30	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	4481	1/1	0.99	0.03	28,28,28,28	0
32	MG	a	4482	1/1	0.99	0.03	24,24,24,24	0
32	MG	a	4483	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	4120	1/1	0.99	0.04	27,27,27,27	0
32	MG	a	4485	1/1	0.99	0.02	32,32,32,32	0
32	MG	A	3705	1/1	0.99	0.04	12,12,12,12	0
32	MG	a	4487	1/1	0.99	0.03	34,34,34,34	0
32	MG	a	4488	1/1	0.99	0.03	23,23,23,23	0
32	MG	a	4489	1/1	0.99	0.02	25,25,25,25	0
32	MG	a	4490	1/1	0.99	0.03	29,29,29,29	0
32	MG	a	4491	1/1	0.99	0.02	24,24,24,24	0
32	MG	a	4492	1/1	0.99	0.03	22,22,22,22	0
32	MG	A	4123	1/1	0.99	0.03	23,23,23,23	0
32	MG	a	4494	1/1	0.99	0.04	27,27,27,27	0
32	MG	a	4495	1/1	0.99	0.03	26,26,26,26	0
32	MG	a	4496	1/1	0.99	0.02	27,27,27,27	0
32	MG	a	4497	1/1	0.99	0.03	23,23,23,23	0
32	MG	a	4498	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	4124	1/1	0.99	0.04	30,30,30,30	0
32	MG	A	4125	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	3355	1/1	0.99	0.03	60,60,60,60	0
32	MG	a	4504	1/1	0.99	0.02	30,30,30,30	0
32	MG	A	3708	1/1	0.99	0.07	95,95,95,95	0
32	MG	a	4507	1/1	0.99	0.03	25,25,25,25	0
32	MG	a	4508	1/1	0.99	0.04	20,20,20,20	0
32	MG	A	4129	1/1	0.99	0.06	25,25,25,25	0
32	MG	A	3709	1/1	0.99	0.02	95,95,95,95	0
32	MG	a	4511	1/1	0.99	0.02	29,29,29,29	0
32	MG	a	4513	1/1	0.99	0.01	26,26,26,26	0
32	MG	A	4131	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	3362	1/1	0.99	0.04	70,70,70,70	0
32	MG	a	4516	1/1	0.99	0.02	29,29,29,29	0
32	MG	a	4517	1/1	0.99	0.01	35,35,35,35	0
32	MG	a	4518	1/1	0.99	0.01	24,24,24,24	0
32	MG	a	4519	1/1	0.99	0.02	20,20,20,20	0
32	MG	a	4520	1/1	0.99	0.02	19,19,19,19	0
32	MG	A	4133	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4522	1/1	0.99	0.02	27,27,27,27	0
32	MG	A	3713	1/1	0.99	0.04	39,39,39,39	0
32	MG	a	4524	1/1	0.99	0.02	27,27,27,27	0
32	MG	a	4525	1/1	0.99	0.03	27,27,27,27	0
32	MG	a	4526	1/1	0.99	0.02	28,28,28,28	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	4528	1/1	0.99	0.03	25,25,25,25	0
32	MG	A	3714	1/1	0.99	0.10	17,17,17,17	0
32	MG	a	4530	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	4136	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	3717	1/1	0.99	0.05	6,6,6,6	0
32	MG	a	4534	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	4139	1/1	0.99	0.01	26,26,26,26	0
32	MG	a	4536	1/1	0.99	0.04	29,29,29,29	0
32	MG	a	4537	1/1	0.99	0.04	24,24,24,24	0
32	MG	a	4539	1/1	0.99	0.03	31,31,31,31	0
32	MG	A	4140	1/1	0.99	0.02	25,25,25,25	0
32	MG	a	4545	1/1	0.99	0.02	27,27,27,27	0
32	MG	a	4546	1/1	0.99	0.02	25,25,25,25	0
32	MG	a	4547	1/1	0.99	0.02	32,32,32,32	0
32	MG	a	4548	1/1	0.99	0.02	34,34,34,34	0
32	MG	a	4549	1/1	0.99	0.02	31,31,31,31	0
32	MG	a	4550	1/1	0.99	0.03	27,27,27,27	0
32	MG	A	4141	1/1	0.99	0.02	24,24,24,24	0
32	MG	a	4552	1/1	0.99	0.02	31,31,31,31	0
32	MG	a	4553	1/1	0.99	0.01	27,27,27,27	0
32	MG	a	4554	1/1	0.99	0.01	26,26,26,26	0
32	MG	a	4555	1/1	0.99	0.02	27,27,27,27	0
32	MG	a	4557	1/1	0.99	0.01	26,26,26,26	0
32	MG	a	4558	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	4143	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4561	1/1	0.99	0.03	27,27,27,27	0
32	MG	a	4563	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	3718	1/1	0.99	0.04	11,11,11,11	0
32	MG	a	4565	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4566	1/1	0.99	0.06	31,31,31,31	0
32	MG	a	4567	1/1	0.99	0.02	28,28,28,28	0
32	MG	a	4570	1/1	0.99	0.02	29,29,29,29	0
32	MG	a	4573	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	4145	1/1	0.99	0.02	25,25,25,25	0
32	MG	a	4575	1/1	0.99	0.03	24,24,24,24	0
32	MG	a	4576	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	3720	1/1	0.99	0.07	14,14,14,14	0
32	MG	a	4578	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	4147	1/1	0.99	0.02	23,23,23,23	0
32	MG	A	4148	1/1	0.99	0.02	27,27,27,27	0
32	MG	a	4581	1/1	0.99	0.02	26,26,26,26	0
32	MG	a	4582	1/1	0.99	0.01	29,29,29,29	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	4585	1/1	0.99	0.05	26,26,26,26	0
32	MG	A	4149	1/1	0.99	0.02	29,29,29,29	0
32	MG	a	4588	1/1	0.99	0.02	27,27,27,27	0
32	MG	a	4589	1/1	0.99	0.02	30,30,30,30	0
32	MG	A	4150	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	3721	1/1	0.99	0.06	95,95,95,95	0
32	MG	a	4594	1/1	0.99	0.01	27,27,27,27	0
32	MG	A	4152	1/1	0.99	0.01	31,31,31,31	0
32	MG	a	4597	1/1	0.99	0.02	28,28,28,28	0
32	MG	a	4598	1/1	0.99	0.02	30,30,30,30	0
32	MG	A	4153	1/1	0.99	0.01	27,27,27,27	0
32	MG	a	4600	1/1	0.99	0.04	29,29,29,29	0
32	MG	a	4601	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	4155	1/1	0.99	0.03	23,23,23,23	0
32	MG	a	4603	1/1	0.99	0.04	23,23,23,23	0
32	MG	A	3364	1/1	0.99	0.04	74,74,74,74	0
32	MG	a	4605	1/1	0.99	0.04	23,23,23,23	0
32	MG	A	4157	1/1	0.99	0.02	34,34,34,34	0
32	MG	a	4608	1/1	0.99	0.03	26,26,26,26	0
32	MG	a	4609	1/1	0.99	0.05	30,30,30,30	0
32	MG	A	3723	1/1	0.99	0.06	95,95,95,95	0
32	MG	A	3725	1/1	0.99	0.05	0,0,0,0	0
32	MG	A	4160	1/1	0.99	0.09	26,26,26,26	0
32	MG	A	4162	1/1	0.99	0.02	27,27,27,27	0
32	MG	b	202	1/1	0.99	0.03	119,119,119,119	0
32	MG	b	211	1/1	0.99	0.03	68,68,68,68	0
32	MG	b	212	1/1	0.99	0.03	6,6,6,6	0
32	MG	b	213	1/1	0.99	0.02	22,22,22,22	0
32	MG	b	214	1/1	0.99	0.03	14,14,14,14	0
32	MG	b	215	1/1	0.99	0.04	1,1,1,1	0
32	MG	A	4163	1/1	0.99	0.02	21,21,21,21	0
32	MG	b	218	1/1	0.99	0.03	30,30,30,30	0
32	MG	b	219	1/1	0.99	0.02	21,21,21,21	0
32	MG	A	4164	1/1	0.99	0.01	28,28,28,28	0
32	MG	b	221	1/1	0.99	0.04	23,23,23,23	0
32	MG	A	4165	1/1	0.99	0.03	32,32,32,32	0
32	MG	A	3365	1/1	0.99	0.04	50,50,50,50	0
32	MG	c	316	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	4167	1/1	0.99	0.02	29,29,29,29	0
32	MG	c	318	1/1	0.99	0.04	0,0,0,0	0
32	MG	c	319	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	4168	1/1	0.99	0.02	23,23,23,23	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	c	321	1/1	0.99	0.02	21,21,21,21	0
32	MG	c	322	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	4170	1/1	0.99	0.04	26,26,26,26	0
32	MG	c	324	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	3393	1/1	0.99	0.03	57,57,57,57	0
32	MG	c	326	1/1	0.99	0.02	27,27,27,27	0
32	MG	c	327	1/1	0.99	0.04	23,23,23,23	0
32	MG	c	328	1/1	0.99	0.01	16,16,16,16	0
32	MG	c	329	1/1	0.99	0.02	25,25,25,25	0
32	MG	c	330	1/1	0.99	0.02	22,22,22,22	0
32	MG	c	331	1/1	0.99	0.02	21,21,21,21	0
32	MG	A	4172	1/1	0.99	0.02	25,25,25,25	0
32	MG	c	333	1/1	0.99	0.12	29,29,29,29	0
32	MG	d	316	1/1	0.99	0.08	29,29,29,29	0
32	MG	d	317	1/1	0.99	0.03	27,27,27,27	0
32	MG	A	4173	1/1	0.99	0.01	30,30,30,30	0
32	MG	d	320	1/1	0.99	0.01	1,1,1,1	0
32	MG	d	323	1/1	0.99	0.02	25,25,25,25	0
32	MG	d	324	1/1	0.99	0.02	30,30,30,30	0
32	MG	d	325	1/1	0.99	0.01	29,29,29,29	0
32	MG	e	311	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	4174	1/1	0.99	0.02	26,26,26,26	0
32	MG	e	314	1/1	0.99	0.02	40,40,40,40	0
32	MG	e	315	1/1	0.99	0.03	14,14,14,14	0
32	MG	e	316	1/1	0.99	0.02	33,33,33,33	0
32	MG	e	317	1/1	0.99	0.04	1,1,1,1	0
32	MG	A	4175	1/1	0.99	0.01	23,23,23,23	0
32	MG	e	320	1/1	0.99	0.02	25,25,25,25	0
32	MG	e	321	1/1	0.99	0.04	31,31,31,31	0
32	MG	e	322	1/1	0.99	0.01	29,29,29,29	0
32	MG	e	323	1/1	0.99	0.02	27,27,27,27	0
32	MG	A	3728	1/1	0.99	0.03	3,3,3,3	0
32	MG	e	327	1/1	0.99	0.02	22,22,22,22	0
32	MG	e	329	1/1	0.99	0.02	24,24,24,24	0
32	MG	A	4179	1/1	0.99	0.02	27,27,27,27	0
32	MG	e	332	1/1	0.99	0.02	29,29,29,29	0
32	MG	e	333	1/1	0.99	0.01	26,26,26,26	0
32	MG	A	4181	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	3729	1/1	0.99	0.03	28,28,28,28	0
32	MG	e	336	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	4183	1/1	0.99	0.03	29,29,29,29	0
32	MG	f	204	1/1	0.99	0.02	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	g	203	1/1	0.99	0.02	25,25,25,25	0
32	MG	g	204	1/1	0.99	0.02	30,30,30,30	0
32	MG	g	205	1/1	0.99	0.02	31,31,31,31	0
32	MG	g	206	1/1	0.99	0.01	29,29,29,29	0
32	MG	g	207	1/1	0.99	0.03	21,21,21,21	0
32	MG	A	4184	1/1	0.99	0.06	28,28,28,28	0
32	MG	A	4185	1/1	0.99	0.02	30,30,30,30	0
32	MG	h	204	1/1	0.99	0.03	95,95,95,95	0
32	MG	h	205	1/1	0.99	0.03	95,95,95,95	0
32	MG	h	207	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	4186	1/1	0.99	0.02	19,19,19,19	0
32	MG	h	210	1/1	0.99	0.02	25,25,25,25	0
32	MG	h	211	1/1	0.99	0.02	23,23,23,23	0
32	MG	h	212	1/1	0.99	0.01	26,26,26,26	0
32	MG	A	3730	1/1	0.99	0.06	21,21,21,21	0
32	MG	h	214	1/1	0.99	0.01	19,19,19,19	0
32	MG	h	215	1/1	0.99	0.01	30,30,30,30	0
32	MG	A	4188	1/1	0.99	0.02	23,23,23,23	0
32	MG	A	4189	1/1	0.99	0.01	28,28,28,28	0
32	MG	A	4190	1/1	0.99	0.02	34,34,34,34	0
32	MG	i	208	1/1	0.99	0.02	2,2,2,2	0
32	MG	i	210	1/1	0.99	0.09	29,29,29,29	0
32	MG	i	211	1/1	0.99	0.07	18,18,18,18	0
32	MG	i	212	1/1	0.99	0.03	25,25,25,25	0
32	MG	i	213	1/1	0.99	0.02	30,30,30,30	0
32	MG	i	214	1/1	0.99	0.02	28,28,28,28	0
32	MG	i	216	1/1	0.99	0.01	28,28,28,28	0
32	MG	i	217	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	4191	1/1	0.99	0.05	26,26,26,26	0
32	MG	A	4192	1/1	0.99	0.06	31,31,31,31	0
32	MG	A	3731	1/1	0.99	0.05	95,95,95,95	0
32	MG	i	221	1/1	0.99	0.01	27,27,27,27	0
32	MG	i	222	1/1	0.99	0.01	30,30,30,30	0
32	MG	i	223	1/1	0.99	0.02	27,27,27,27	0
32	MG	i	224	1/1	0.99	0.06	32,32,32,32	0
32	MG	i	225	1/1	0.99	0.05	26,26,26,26	0
32	MG	i	226	1/1	0.99	0.02	21,21,21,21	0
32	MG	j	209	1/1	0.99	0.03	75,75,75,75	0
32	MG	j	213	1/1	0.99	0.04	86,86,86,86	0
32	MG	j	214	1/1	0.99	0.05	42,42,42,42	0
32	MG	j	215	1/1	0.99	0.04	59,59,59,59	0
32	MG	j	216	1/1	0.99	0.08	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	4195	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	4196	1/1	0.99	0.05	26,26,26,26	0
32	MG	A	3732	1/1	0.99	0.04	13,13,13,13	0
32	MG	j	221	1/1	0.99	0.04	33,33,33,33	0
32	MG	k	207	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	4198	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	4199	1/1	0.99	0.02	29,29,29,29	0
32	MG	k	210	1/1	0.99	0.03	21,21,21,21	0
32	MG	k	211	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	3413	1/1	0.99	0.03	96,96,96,96	0
32	MG	k	213	1/1	0.99	0.02	25,25,25,25	0
32	MG	k	214	1/1	0.99	0.01	21,21,21,21	0
32	MG	k	215	1/1	0.99	0.03	30,30,30,30	0
32	MG	k	217	1/1	0.99	0.03	28,28,28,28	0
32	MG	k	218	1/1	0.99	0.03	33,33,33,33	0
32	MG	A	4201	1/1	0.99	0.03	26,26,26,26	0
32	MG	k	220	1/1	0.99	0.03	20,20,20,20	0
32	MG	l	206	1/1	0.99	0.08	64,64,64,64	0
32	MG	A	4202	1/1	0.99	0.04	28,28,28,28	0
32	MG	l	214	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	4203	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	3414	1/1	0.99	0.03	53,53,53,53	0
32	MG	m	201	1/1	0.99	0.04	73,73,73,73	0
32	MG	m	207	1/1	0.99	0.04	5,5,5,5	0
32	MG	A	3735	1/1	0.99	0.08	95,95,95,95	0
32	MG	m	209	1/1	0.99	0.07	95,95,95,95	0
32	MG	m	210	1/1	0.99	0.02	49,49,49,49	0
32	MG	m	211	1/1	0.99	0.02	7,7,7,7	0
32	MG	A	4207	1/1	0.99	0.03	30,30,30,30	0
32	MG	A	3736	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	4210	1/1	0.99	0.04	27,27,27,27	0
32	MG	m	216	1/1	0.99	0.02	15,15,15,15	0
32	MG	m	217	1/1	0.99	0.02	22,22,22,22	0
32	MG	A	3737	1/1	0.99	0.06	95,95,95,95	0
32	MG	m	219	1/1	0.99	0.01	21,21,21,21	0
32	MG	A	4214	1/1	0.99	0.05	30,30,30,30	0
32	MG	n	203	1/1	0.99	0.03	25,25,25,25	0
32	MG	A	4215	1/1	0.99	0.04	31,31,31,31	0
32	MG	n	205	1/1	0.99	0.02	28,28,28,28	0
32	MG	n	206	1/1	0.99	0.03	25,25,25,25	0
32	MG	A	4216	1/1	0.99	0.03	21,21,21,21	0
32	MG	o	206	1/1	0.99	0.04	60,60,60,60	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	4218	1/1	0.99	0.06	28,28,28,28	0
32	MG	A	4219	1/1	0.99	0.04	25,25,25,25	0
32	MG	A	3738	1/1	0.99	0.06	95,95,95,95	0
32	MG	o	216	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	3422	1/1	0.99	0.07	56,56,56,56	0
32	MG	o	218	1/1	0.99	0.02	7,7,7,7	0
32	MG	A	4223	1/1	0.99	0.03	29,29,29,29	0
32	MG	o	220	1/1	0.99	0.02	9,9,9,9	0
32	MG	o	221	1/1	0.99	0.01	21,21,21,21	0
32	MG	A	4224	1/1	0.99	0.02	22,22,22,22	0
32	MG	o	223	1/1	0.99	0.04	29,29,29,29	0
32	MG	A	4225	1/1	0.99	0.03	26,26,26,26	0
32	MG	o	225	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	4226	1/1	0.99	0.02	53,53,53,53	0
32	MG	A	4228	1/1	0.99	0.02	25,25,25,25	0
32	MG	o	228	1/1	0.99	0.01	20,20,20,20	0
32	MG	o	229	1/1	0.99	0.02	26,26,26,26	0
32	MG	A	3740	1/1	0.99	0.01	4,4,4,4	0
32	MG	A	4231	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	4232	1/1	0.99	0.01	25,25,25,25	0
32	MG	p	211	1/1	0.99	0.03	95,95,95,95	0
32	MG	A	3444	1/1	0.99	0.02	109,109,109,109	0
32	MG	p	213	1/1	0.99	0.02	27,27,27,27	0
32	MG	p	214	1/1	0.99	0.03	25,25,25,25	0
32	MG	p	215	1/1	0.99	0.03	30,30,30,30	0
32	MG	A	4235	1/1	0.99	0.02	24,24,24,24	0
32	MG	q	208	1/1	0.99	0.03	1,1,1,1	0
32	MG	q	209	1/1	0.99	0.02	4,4,4,4	0
32	MG	q	210	1/1	0.99	0.02	95,95,95,95	0
32	MG	q	211	1/1	0.99	0.03	27,27,27,27	0
32	MG	q	212	1/1	0.99	0.01	28,28,28,28	0
32	MG	A	4236	1/1	0.99	0.04	32,32,32,32	0
32	MG	q	214	1/1	0.99	0.01	24,24,24,24	0
32	MG	A	4237	1/1	0.99	0.03	28,28,28,28	0
32	MG	q	216	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	3468	1/1	0.99	0.04	73,73,73,73	0
32	MG	q	218	1/1	0.99	0.02	28,28,28,28	0
32	MG	q	219	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	3744	1/1	0.99	0.03	19,19,19,19	0
32	MG	A	4240	1/1	0.99	0.02	32,32,32,32	0
32	MG	q	222	1/1	0.99	0.02	27,27,27,27	0
32	MG	A	4241	1/1	0.99	0.02	50,50,50,50	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	q	224	1/1	0.99	0.01	28,28,28,28	0
32	MG	q	225	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	4242	1/1	0.99	0.04	31,31,31,31	0
32	MG	A	4244	1/1	0.99	0.04	35,35,35,35	0
32	MG	q	229	1/1	0.99	0.02	29,29,29,29	0
32	MG	A	4245	1/1	0.99	0.05	30,30,30,30	0
32	MG	r	203	1/1	0.99	0.03	57,57,57,57	0
32	MG	r	209	1/1	0.99	0.05	76,76,76,76	0
32	MG	A	3472	1/1	0.99	0.06	63,63,63,63	0
32	MG	A	3480	1/1	0.99	0.04	72,72,72,72	0
32	MG	r	214	1/1	0.99	0.08	19,19,19,19	0
32	MG	r	215	1/1	0.99	0.03	95,95,95,95	0
32	MG	r	216	1/1	0.99	0.03	1,1,1,1	0
32	MG	A	4248	1/1	0.99	0.06	33,33,33,33	0
32	MG	r	218	1/1	0.99	0.04	28,28,28,28	0
32	MG	A	4250	1/1	0.99	0.02	28,28,28,28	0
32	MG	r	220	1/1	0.99	0.02	25,25,25,25	0
32	MG	r	221	1/1	0.99	0.03	29,29,29,29	0
32	MG	r	222	1/1	0.99	0.03	28,28,28,28	0
32	MG	r	223	1/1	0.99	0.02	25,25,25,25	0
32	MG	r	224	1/1	0.99	0.01	25,25,25,25	0
32	MG	r	225	1/1	0.99	0.02	25,25,25,25	0
32	MG	A	4251	1/1	0.99	0.03	26,26,26,26	0
32	MG	r	227	1/1	0.99	0.02	30,30,30,30	0
32	MG	A	4252	1/1	0.99	0.03	31,31,31,31	0
32	MG	s	104	1/1	0.99	0.03	9,9,9,9	0
32	MG	A	4253	1/1	0.99	0.04	32,32,32,32	0
32	MG	A	3481	1/1	0.99	0.04	72,72,72,72	0
32	MG	s	107	1/1	0.99	0.03	28,28,28,28	0
32	MG	s	108	1/1	0.99	0.02	26,26,26,26	0
32	MG	s	109	1/1	0.99	0.03	28,28,28,28	0
32	MG	s	110	1/1	0.99	0.02	22,22,22,22	0
32	MG	t	504	1/1	0.99	0.03	95,95,95,95	0
32	MG	t	505	1/1	0.99	0.04	26,26,26,26	0
32	MG	u	315	1/1	0.99	0.03	79,79,79,79	0
32	MG	u	316	1/1	0.99	0.02	18,18,18,18	0
32	MG	u	317	1/1	0.99	0.02	95,95,95,95	0
32	MG	A	3748	1/1	0.99	0.02	5,5,5,5	0
32	MG	A	4257	1/1	0.99	0.03	28,28,28,28	0
32	MG	A	4258	1/1	0.99	0.04	28,28,28,28	0
32	MG	u	323	1/1	0.99	0.02	26,26,26,26	0
32	MG	u	324	1/1	0.99	0.02	27,27,27,27	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	4259	1/1	0.99	0.04	23,23,23,23	0
32	MG	v	109	1/1	0.99	0.03	29,29,29,29	0
32	MG	A	4260	1/1	0.99	0.07	27,27,27,27	0
32	MG	v	111	1/1	0.99	0.02	28,28,28,28	0
32	MG	A	4261	1/1	0.99	0.04	31,31,31,31	0
32	MG	w	107	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	4262	1/1	0.99	0.03	33,33,33,33	0
32	MG	w	109	1/1	0.99	0.02	22,22,22,22	0
32	MG	A	3749	1/1	0.99	0.02	95,95,95,95	0
32	MG	x	105	1/1	0.99	0.03	48,48,48,48	0
32	MG	x	107	1/1	0.99	0.02	95,95,95,95	0
32	MG	A	3750	1/1	0.99	0.04	95,95,95,95	0
32	MG	A	4265	1/1	0.99	0.03	26,26,26,26	0
32	MG	A	3751	1/1	0.99	0.02	95,95,95,95	0
32	MG	A	3752	1/1	0.99	0.05	8,8,8,8	0
32	MG	y	607	1/1	0.99	0.03	9,9,9,9	0
32	MG	A	4268	1/1	0.99	0.01	27,27,27,27	0
32	MG	y	609	1/1	0.99	0.02	29,29,29,29	0
32	MG	z	502	1/1	0.99	0.02	23,23,23,23	0
32	MG	A	4269	1/1	0.99	0.04	29,29,29,29	0
32	MG	A	4270	1/1	0.99	0.02	23,23,23,23	0
32	MG	z	505	1/1	0.99	0.01	23,23,23,23	0
32	MG	A	3483	1/1	0.99	0.03	84,84,84,84	0
32	MG	5	103	1/1	0.99	0.04	40,40,40,40	0
32	MG	5	104	1/1	0.99	0.02	9,9,9,9	0
32	MG	5	105	1/1	0.99	0.03	95,95,95,95	0
32	MG	5	106	1/1	0.99	0.09	95,95,95,95	0
32	MG	5	107	1/1	0.99	0.02	21,21,21,21	0
32	MG	6	504	1/1	0.99	0.04	95,95,95,95	0
32	MG	6	506	1/1	0.99	0.02	32,32,32,32	0
32	MG	A	3489	1/1	0.99	0.04	81,81,81,81	0
32	MG	7	104	1/1	0.99	0.02	8,8,8,8	0
32	MG	7	105	1/1	0.99	0.04	19,19,19,19	0
32	MG	A	3493	1/1	0.99	0.06	66,66,66,66	0
32	MG	7	107	1/1	0.99	0.05	33,33,33,33	0
32	MG	A	3031	1/1	0.99	0.03	91,91,91,91	0
32	MG	8	108	1/1	0.99	0.06	29,29,29,29	0
32	MG	A	4275	1/1	0.99	0.02	28,28,28,28	0
32	MG	8	111	1/1	0.99	0.06	29,29,29,29	0
32	MG	8	112	1/1	0.99	0.05	30,30,30,30	0
32	MG	9	103	1/1	0.99	0.04	67,67,67,67	0
32	MG	9	104	1/1	0.99	0.02	11,11,11,11	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	4276	1/1	0.99	0.03	25,25,25,25	0
33	ZN	z	501	1/1	0.99	0.02	176,176,176,176	0
33	ZN	6	501	1/1	0.99	0.03	233,233,233,233	0
32	MG	a	3213	1/1	1.00	0.02	25,25,25,25	0
32	MG	a	3214	1/1	1.00	0.01	31,31,31,31	0
32	MG	a	3215	1/1	1.00	0.01	25,25,25,25	0
32	MG	a	3216	1/1	1.00	0.01	37,37,37,37	0
32	MG	a	3217	1/1	1.00	0.06	46,46,46,46	0
32	MG	a	3218	1/1	1.00	0.03	23,23,23,23	0
32	MG	a	3219	1/1	1.00	0.01	35,35,35,35	0
32	MG	a	3220	1/1	1.00	0.02	26,26,26,26	0
32	MG	a	3221	1/1	1.00	0.03	22,22,22,22	0
32	MG	a	3222	1/1	1.00	0.01	13,13,13,13	0
32	MG	a	3223	1/1	1.00	0.02	61,61,61,61	0
32	MG	a	3224	1/1	1.00	0.01	68,68,68,68	0
32	MG	a	3225	1/1	1.00	0.01	29,29,29,29	0
32	MG	A	3320	1/1	1.00	0.03	66,66,66,66	0
32	MG	a	3227	1/1	1.00	0.03	50,50,50,50	0
32	MG	a	3228	1/1	1.00	0.02	36,36,36,36	0
32	MG	a	3229	1/1	1.00	0.02	58,58,58,58	0
32	MG	a	3230	1/1	1.00	0.02	59,59,59,59	0
32	MG	a	3231	1/1	1.00	0.01	75,75,75,75	0
32	MG	a	3232	1/1	1.00	0.01	43,43,43,43	0
32	MG	a	3233	1/1	1.00	0.01	55,55,55,55	0
32	MG	a	3234	1/1	1.00	0.01	65,65,65,65	0
32	MG	A	3321	1/1	1.00	0.03	43,43,43,43	0
32	MG	a	3236	1/1	1.00	0.02	35,35,35,35	0
32	MG	a	3237	1/1	1.00	0.06	49,49,49,49	0
32	MG	a	3238	1/1	1.00	0.03	48,48,48,48	0
32	MG	a	3239	1/1	1.00	0.02	48,48,48,48	0
32	MG	a	3240	1/1	1.00	0.03	40,40,40,40	0
32	MG	a	3241	1/1	1.00	0.01	48,48,48,48	0
32	MG	A	3909	1/1	1.00	0.01	38,38,38,38	0
32	MG	a	3243	1/1	1.00	0.02	47,47,47,47	0
32	MG	a	3244	1/1	1.00	0.02	68,68,68,68	0
32	MG	a	3245	1/1	1.00	0.02	33,33,33,33	0
32	MG	a	3246	1/1	1.00	0.02	44,44,44,44	0
32	MG	A	3322	1/1	1.00	0.04	62,62,62,62	0
32	MG	a	3248	1/1	1.00	0.03	65,65,65,65	0
32	MG	a	3249	1/1	1.00	0.02	50,50,50,50	0
32	MG	a	3250	1/1	1.00	0.03	49,49,49,49	0
32	MG	a	3251	1/1	1.00	0.01	60,60,60,60	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3252	1/1	1.00	0.01	61,61,61,61	0
32	MG	a	3253	1/1	1.00	0.02	63,63,63,63	0
32	MG	a	3254	1/1	1.00	0.02	118,118,118,118	0
32	MG	a	3255	1/1	1.00	0.03	47,47,47,47	0
32	MG	a	3256	1/1	1.00	0.02	59,59,59,59	0
32	MG	a	3257	1/1	1.00	0.03	54,54,54,54	0
32	MG	a	3258	1/1	1.00	0.01	34,34,34,34	0
32	MG	a	3259	1/1	1.00	0.03	58,58,58,58	0
32	MG	a	3260	1/1	1.00	0.01	24,24,24,24	0
32	MG	a	3261	1/1	1.00	0.02	69,69,69,69	0
32	MG	a	3262	1/1	1.00	0.02	46,46,46,46	0
32	MG	a	3263	1/1	1.00	0.02	42,42,42,42	0
32	MG	a	3264	1/1	1.00	0.01	72,72,72,72	0
32	MG	a	3265	1/1	1.00	0.01	46,46,46,46	0
32	MG	a	3266	1/1	1.00	0.01	62,62,62,62	0
32	MG	a	3267	1/1	1.00	0.05	32,32,32,32	0
32	MG	a	3268	1/1	1.00	0.01	33,33,33,33	0
32	MG	a	3269	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3270	1/1	1.00	0.02	58,58,58,58	0
32	MG	a	3271	1/1	1.00	0.02	60,60,60,60	0
32	MG	a	3272	1/1	1.00	0.04	78,78,78,78	0
32	MG	a	3273	1/1	1.00	0.01	49,49,49,49	0
32	MG	A	3030	1/1	1.00	0.01	35,35,35,35	0
32	MG	A	3324	1/1	1.00	0.03	56,56,56,56	0
32	MG	A	3325	1/1	1.00	0.04	78,78,78,78	0
32	MG	a	3277	1/1	1.00	0.02	60,60,60,60	0
32	MG	A	3326	1/1	1.00	0.01	39,39,39,39	0
32	MG	a	3279	1/1	1.00	0.03	56,56,56,56	0
32	MG	a	3280	1/1	1.00	0.02	66,66,66,66	0
32	MG	a	3281	1/1	1.00	0.05	41,41,41,41	0
32	MG	a	3282	1/1	1.00	0.03	90,90,90,90	0
32	MG	A	3327	1/1	1.00	0.02	70,70,70,70	0
32	MG	a	3284	1/1	1.00	0.02	62,62,62,62	0
32	MG	a	3285	1/1	1.00	0.03	45,45,45,45	0
32	MG	a	3286	1/1	1.00	0.02	52,52,52,52	0
32	MG	a	3287	1/1	1.00	0.02	46,46,46,46	0
32	MG	a	3288	1/1	1.00	0.02	50,50,50,50	0
32	MG	a	3289	1/1	1.00	0.02	55,55,55,55	0
32	MG	a	3290	1/1	1.00	0.01	54,54,54,54	0
32	MG	a	3291	1/1	1.00	0.05	51,51,51,51	0
32	MG	a	3292	1/1	1.00	0.02	46,46,46,46	0
32	MG	A	3328	1/1	1.00	0.02	53,53,53,53	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3294	1/1	1.00	0.03	36,36,36,36	0
32	MG	a	3295	1/1	1.00	0.02	53,53,53,53	0
32	MG	a	3296	1/1	1.00	0.02	42,42,42,42	0
32	MG	a	3297	1/1	1.00	0.01	31,31,31,31	0
32	MG	a	3298	1/1	1.00	0.01	50,50,50,50	0
32	MG	a	3299	1/1	1.00	0.03	65,65,65,65	0
32	MG	A	3329	1/1	1.00	0.02	82,82,82,82	0
32	MG	A	3330	1/1	1.00	0.02	60,60,60,60	0
32	MG	a	3302	1/1	1.00	0.01	45,45,45,45	0
32	MG	A	3331	1/1	1.00	0.02	57,57,57,57	0
32	MG	A	3920	1/1	1.00	0.04	10,10,10,10	0
32	MG	a	3305	1/1	1.00	0.02	60,60,60,60	0
32	MG	a	3306	1/1	1.00	0.01	35,35,35,35	0
32	MG	a	3307	1/1	1.00	0.01	48,48,48,48	0
32	MG	A	3332	1/1	1.00	0.02	59,59,59,59	0
32	MG	a	3309	1/1	1.00	0.03	90,90,90,90	0
32	MG	a	3310	1/1	1.00	0.03	45,45,45,45	0
32	MG	a	3311	1/1	1.00	0.01	63,63,63,63	0
32	MG	A	3333	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	3313	1/1	1.00	0.03	40,40,40,40	0
32	MG	a	3314	1/1	1.00	0.03	35,35,35,35	0
32	MG	a	3315	1/1	1.00	0.03	81,81,81,81	0
32	MG	a	3316	1/1	1.00	0.01	36,36,36,36	0
32	MG	a	3317	1/1	1.00	0.03	63,63,63,63	0
32	MG	a	3318	1/1	1.00	0.06	50,50,50,50	0
32	MG	a	3319	1/1	1.00	0.03	76,76,76,76	0
32	MG	a	3320	1/1	1.00	0.03	37,37,37,37	0
32	MG	a	3321	1/1	1.00	0.03	59,59,59,59	0
32	MG	a	3322	1/1	1.00	0.02	43,43,43,43	0
32	MG	a	3323	1/1	1.00	0.03	30,30,30,30	0
32	MG	a	3324	1/1	1.00	0.04	55,55,55,55	0
32	MG	a	3325	1/1	1.00	0.02	38,38,38,38	0
32	MG	a	3326	1/1	1.00	0.02	43,43,43,43	0
32	MG	a	3327	1/1	1.00	0.01	51,51,51,51	0
32	MG	a	3328	1/1	1.00	0.03	90,90,90,90	0
32	MG	a	3329	1/1	1.00	0.04	63,63,63,63	0
32	MG	A	3002	1/1	1.00	0.01	23,23,23,23	0
32	MG	a	3331	1/1	1.00	0.02	42,42,42,42	0
32	MG	a	3332	1/1	1.00	0.02	35,35,35,35	0
32	MG	A	3032	1/1	1.00	0.03	79,79,79,79	0
32	MG	a	3334	1/1	1.00	0.04	61,61,61,61	0
32	MG	a	3335	1/1	1.00	0.03	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3336	1/1	1.00	0.01	33,33,33,33	0
32	MG	a	3337	1/1	1.00	0.02	58,58,58,58	0
32	MG	a	3338	1/1	1.00	0.03	53,53,53,53	0
32	MG	a	3339	1/1	1.00	0.03	54,54,54,54	0
32	MG	a	3340	1/1	1.00	0.02	45,45,45,45	0
32	MG	a	3341	1/1	1.00	0.02	71,71,71,71	0
32	MG	A	3925	1/1	1.00	0.02	12,12,12,12	0
32	MG	a	3343	1/1	1.00	0.05	58,58,58,58	0
32	MG	a	3344	1/1	1.00	0.02	63,63,63,63	0
32	MG	a	3345	1/1	1.00	0.02	55,55,55,55	0
32	MG	a	3346	1/1	1.00	0.03	55,55,55,55	0
32	MG	a	3347	1/1	1.00	0.03	47,47,47,47	0
32	MG	A	3336	1/1	1.00	0.02	61,61,61,61	0
32	MG	a	3349	1/1	1.00	0.01	40,40,40,40	0
32	MG	A	3927	1/1	1.00	0.02	35,35,35,35	0
32	MG	a	3351	1/1	1.00	0.02	69,69,69,69	0
32	MG	a	3352	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3353	1/1	1.00	0.03	50,50,50,50	0
32	MG	a	3354	1/1	1.00	0.02	75,75,75,75	0
32	MG	a	3355	1/1	1.00	0.02	81,81,81,81	0
32	MG	a	3356	1/1	1.00	0.03	43,43,43,43	0
32	MG	a	3357	1/1	1.00	0.04	53,53,53,53	0
32	MG	a	3358	1/1	1.00	0.01	42,42,42,42	0
32	MG	a	3359	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3360	1/1	1.00	0.03	61,61,61,61	0
32	MG	a	3361	1/1	1.00	0.02	61,61,61,61	0
32	MG	a	3362	1/1	1.00	0.01	41,41,41,41	0
32	MG	a	3363	1/1	1.00	0.03	62,62,62,62	0
32	MG	a	3364	1/1	1.00	0.03	48,48,48,48	0
32	MG	a	3365	1/1	1.00	0.02	49,49,49,49	0
32	MG	a	3366	1/1	1.00	0.03	64,64,64,64	0
32	MG	a	3367	1/1	1.00	0.01	57,57,57,57	0
32	MG	a	3368	1/1	1.00	0.03	79,79,79,79	0
32	MG	a	3369	1/1	1.00	0.02	46,46,46,46	0
32	MG	a	3370	1/1	1.00	0.03	54,54,54,54	0
32	MG	A	3337	1/1	1.00	0.03	49,49,49,49	0
32	MG	a	3372	1/1	1.00	0.06	74,74,74,74	0
32	MG	a	3373	1/1	1.00	0.03	59,59,59,59	0
32	MG	a	3374	1/1	1.00	0.05	51,51,51,51	0
32	MG	A	3338	1/1	1.00	0.03	57,57,57,57	0
32	MG	a	3376	1/1	1.00	0.04	48,48,48,48	0
32	MG	a	3377	1/1	1.00	0.04	63,63,63,63	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3378	1/1	1.00	0.03	52,52,52,52	0
32	MG	a	3379	1/1	1.00	0.02	50,50,50,50	0
32	MG	a	3380	1/1	1.00	0.02	65,65,65,65	0
32	MG	a	3381	1/1	1.00	0.03	45,45,45,45	0
32	MG	a	3382	1/1	1.00	0.02	36,36,36,36	0
32	MG	a	3383	1/1	1.00	0.02	47,47,47,47	0
32	MG	a	3384	1/1	1.00	0.02	53,53,53,53	0
32	MG	a	3385	1/1	1.00	0.02	52,52,52,52	0
32	MG	a	3386	1/1	1.00	0.04	32,32,32,32	0
32	MG	a	3387	1/1	1.00	0.02	48,48,48,48	0
32	MG	A	3339	1/1	1.00	0.02	58,58,58,58	0
32	MG	a	3389	1/1	1.00	0.03	62,62,62,62	0
32	MG	a	3390	1/1	1.00	0.01	62,62,62,62	0
32	MG	a	3391	1/1	1.00	0.03	55,55,55,55	0
32	MG	a	3392	1/1	1.00	0.03	63,63,63,63	0
32	MG	a	3393	1/1	1.00	0.04	74,74,74,74	0
32	MG	A	3340	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3395	1/1	1.00	0.03	67,67,67,67	0
32	MG	a	3396	1/1	1.00	0.02	42,42,42,42	0
32	MG	a	3397	1/1	1.00	0.02	52,52,52,52	0
32	MG	a	3398	1/1	1.00	0.01	61,61,61,61	0
32	MG	a	3399	1/1	1.00	0.03	36,36,36,36	0
32	MG	a	3400	1/1	1.00	0.05	56,56,56,56	0
32	MG	a	3401	1/1	1.00	0.02	62,62,62,62	0
32	MG	a	3402	1/1	1.00	0.02	51,51,51,51	0
32	MG	a	3403	1/1	1.00	0.03	45,45,45,45	0
32	MG	a	3404	1/1	1.00	0.04	65,65,65,65	0
32	MG	a	3405	1/1	1.00	0.04	70,70,70,70	0
32	MG	a	3406	1/1	1.00	0.01	45,45,45,45	0
32	MG	a	3407	1/1	1.00	0.04	37,37,37,37	0
32	MG	a	3408	1/1	1.00	0.03	65,65,65,65	0
32	MG	a	3409	1/1	1.00	0.01	39,39,39,39	0
32	MG	a	3410	1/1	1.00	0.02	46,46,46,46	0
32	MG	a	3411	1/1	1.00	0.04	51,51,51,51	0
32	MG	a	3412	1/1	1.00	0.03	68,68,68,68	0
32	MG	a	3413	1/1	1.00	0.02	67,67,67,67	0
32	MG	a	3414	1/1	1.00	0.02	62,62,62,62	0
32	MG	a	3415	1/1	1.00	0.02	44,44,44,44	0
32	MG	A	3341	1/1	1.00	0.02	39,39,39,39	0
32	MG	a	3417	1/1	1.00	0.02	37,37,37,37	0
32	MG	a	3418	1/1	1.00	0.02	67,67,67,67	0
32	MG	a	3419	1/1	1.00	0.05	113,113,113,113	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3420	1/1	1.00	0.01	43,43,43,43	0
32	MG	a	3421	1/1	1.00	0.02	60,60,60,60	0
32	MG	a	3422	1/1	1.00	0.02	26,26,26,26	0
32	MG	a	3423	1/1	1.00	0.04	79,79,79,79	0
32	MG	a	3424	1/1	1.00	0.02	63,63,63,63	0
32	MG	a	3425	1/1	1.00	0.02	66,66,66,66	0
32	MG	a	3426	1/1	1.00	0.04	54,54,54,54	0
32	MG	a	3427	1/1	1.00	0.03	59,59,59,59	0
32	MG	a	3428	1/1	1.00	0.02	61,61,61,61	0
32	MG	a	3429	1/1	1.00	0.02	32,32,32,32	0
32	MG	A	3342	1/1	1.00	0.02	21,21,21,21	0
32	MG	a	3431	1/1	1.00	0.01	69,69,69,69	0
32	MG	a	3432	1/1	1.00	0.03	63,63,63,63	0
32	MG	A	3343	1/1	1.00	0.03	94,94,94,94	0
32	MG	a	3434	1/1	1.00	0.02	73,73,73,73	0
32	MG	a	3435	1/1	1.00	0.03	56,56,56,56	0
32	MG	a	3436	1/1	1.00	0.01	69,69,69,69	0
32	MG	a	3437	1/1	1.00	0.02	51,51,51,51	0
32	MG	A	3935	1/1	1.00	0.02	1,1,1,1	0
32	MG	a	3439	1/1	1.00	0.06	61,61,61,61	0
32	MG	a	3440	1/1	1.00	0.05	73,73,73,73	0
32	MG	a	3441	1/1	1.00	0.02	47,47,47,47	0
32	MG	a	3442	1/1	1.00	0.03	58,58,58,58	0
32	MG	a	3443	1/1	1.00	0.02	44,44,44,44	0
32	MG	a	3444	1/1	1.00	0.01	66,66,66,66	0
32	MG	a	3445	1/1	1.00	0.01	39,39,39,39	0
32	MG	a	3446	1/1	1.00	0.03	39,39,39,39	0
32	MG	A	3936	1/1	1.00	0.05	95,95,95,95	0
32	MG	a	3448	1/1	1.00	0.02	48,48,48,48	0
32	MG	a	3449	1/1	1.00	0.01	36,36,36,36	0
32	MG	a	3450	1/1	1.00	0.02	52,52,52,52	0
32	MG	a	3451	1/1	1.00	0.02	60,60,60,60	0
32	MG	a	3452	1/1	1.00	0.04	53,53,53,53	0
32	MG	a	3453	1/1	1.00	0.03	59,59,59,59	0
32	MG	a	3454	1/1	1.00	0.02	71,71,71,71	0
32	MG	a	3455	1/1	1.00	0.04	55,55,55,55	0
32	MG	a	3456	1/1	1.00	0.02	63,63,63,63	0
32	MG	a	3457	1/1	1.00	0.03	45,45,45,45	0
32	MG	a	3458	1/1	1.00	0.02	44,44,44,44	0
32	MG	a	3459	1/1	1.00	0.03	34,34,34,34	0
32	MG	A	3033	1/1	1.00	0.02	39,39,39,39	0
32	MG	a	3461	1/1	1.00	0.02	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3462	1/1	1.00	0.05	86,86,86,86	0
32	MG	A	3345	1/1	1.00	0.04	30,30,30,30	0
32	MG	a	3464	1/1	1.00	0.04	67,67,67,67	0
32	MG	a	3465	1/1	1.00	0.02	67,67,67,67	0
32	MG	a	3466	1/1	1.00	0.03	61,61,61,61	0
32	MG	a	3467	1/1	1.00	0.04	76,76,76,76	0
32	MG	a	3468	1/1	1.00	0.04	50,50,50,50	0
32	MG	a	3469	1/1	1.00	0.03	70,70,70,70	0
32	MG	a	3470	1/1	1.00	0.01	58,58,58,58	0
32	MG	a	3471	1/1	1.00	0.02	86,86,86,86	0
32	MG	a	3472	1/1	1.00	0.01	66,66,66,66	0
32	MG	a	3473	1/1	1.00	0.02	57,57,57,57	0
32	MG	a	3474	1/1	1.00	0.03	50,50,50,50	0
32	MG	a	3475	1/1	1.00	0.04	53,53,53,53	0
32	MG	a	3476	1/1	1.00	0.03	35,35,35,35	0
32	MG	A	3346	1/1	1.00	0.01	40,40,40,40	0
32	MG	a	3478	1/1	1.00	0.05	66,66,66,66	0
32	MG	A	3347	1/1	1.00	0.08	52,52,52,52	0
32	MG	A	3348	1/1	1.00	0.02	60,60,60,60	0
32	MG	A	3942	1/1	1.00	0.01	0,0,0,0	0
32	MG	a	3482	1/1	1.00	0.01	53,53,53,53	0
32	MG	a	3483	1/1	1.00	0.03	75,75,75,75	0
32	MG	a	3484	1/1	1.00	0.02	62,62,62,62	0
32	MG	a	3485	1/1	1.00	0.05	66,66,66,66	0
32	MG	a	3486	1/1	1.00	0.02	85,85,85,85	0
32	MG	A	3349	1/1	1.00	0.03	76,76,76,76	0
32	MG	a	3488	1/1	1.00	0.02	34,34,34,34	0
32	MG	a	3489	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3490	1/1	1.00	0.01	58,58,58,58	0
32	MG	A	3350	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	3492	1/1	1.00	0.01	42,42,42,42	0
32	MG	a	3493	1/1	1.00	0.02	57,57,57,57	0
32	MG	a	3494	1/1	1.00	0.01	57,57,57,57	0
32	MG	a	3495	1/1	1.00	0.05	60,60,60,60	0
32	MG	a	3496	1/1	1.00	0.02	40,40,40,40	0
32	MG	a	3497	1/1	1.00	0.03	67,67,67,67	0
32	MG	a	3498	1/1	1.00	0.01	72,72,72,72	0
32	MG	a	3499	1/1	1.00	0.01	80,80,80,80	0
32	MG	a	3500	1/1	1.00	0.01	68,68,68,68	0
32	MG	a	3501	1/1	1.00	0.01	73,73,73,73	0
32	MG	a	3502	1/1	1.00	0.02	144,144,144,144	0
32	MG	a	3503	1/1	1.00	0.03	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3504	1/1	1.00	0.01	84,84,84,84	0
32	MG	a	3505	1/1	1.00	0.01	65,65,65,65	0
32	MG	A	3945	1/1	1.00	0.02	16,16,16,16	0
32	MG	a	3507	1/1	1.00	0.02	52,52,52,52	0
32	MG	a	3508	1/1	1.00	0.02	39,39,39,39	0
32	MG	a	3509	1/1	1.00	0.01	49,49,49,49	0
32	MG	a	3510	1/1	1.00	0.01	44,44,44,44	0
32	MG	a	3511	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	3512	1/1	1.00	0.03	65,65,65,65	0
32	MG	a	3513	1/1	1.00	0.03	68,68,68,68	0
32	MG	a	3514	1/1	1.00	0.03	63,63,63,63	0
32	MG	a	3515	1/1	1.00	0.01	38,38,38,38	0
32	MG	a	3516	1/1	1.00	0.03	46,46,46,46	0
32	MG	a	3517	1/1	1.00	0.02	51,51,51,51	0
32	MG	a	3518	1/1	1.00	0.03	49,49,49,49	0
32	MG	a	3519	1/1	1.00	0.02	60,60,60,60	0
32	MG	a	3520	1/1	1.00	0.03	61,61,61,61	0
32	MG	a	3521	1/1	1.00	0.02	39,39,39,39	0
32	MG	A	3351	1/1	1.00	0.04	59,59,59,59	0
32	MG	a	3523	1/1	1.00	0.01	62,62,62,62	0
32	MG	a	3524	1/1	1.00	0.03	59,59,59,59	0
32	MG	a	3525	1/1	1.00	0.03	58,58,58,58	0
32	MG	a	3526	1/1	1.00	0.03	53,53,53,53	0
32	MG	A	3352	1/1	1.00	0.03	50,50,50,50	0
32	MG	a	3528	1/1	1.00	0.04	69,69,69,69	0
32	MG	a	3529	1/1	1.00	0.02	84,84,84,84	0
32	MG	a	3530	1/1	1.00	0.04	66,66,66,66	0
32	MG	a	3531	1/1	1.00	0.03	55,55,55,55	0
32	MG	A	3948	1/1	1.00	0.08	95,95,95,95	0
32	MG	A	3353	1/1	1.00	0.02	49,49,49,49	0
32	MG	a	3534	1/1	1.00	0.02	61,61,61,61	0
32	MG	a	3535	1/1	1.00	0.03	59,59,59,59	0
32	MG	a	3536	1/1	1.00	0.03	48,48,48,48	0
32	MG	a	3537	1/1	1.00	0.02	63,63,63,63	0
32	MG	a	3538	1/1	1.00	0.04	46,46,46,46	0
32	MG	a	3539	1/1	1.00	0.03	68,68,68,68	0
32	MG	a	3540	1/1	1.00	0.02	51,51,51,51	0
32	MG	A	3354	1/1	1.00	0.04	37,37,37,37	0
32	MG	A	3034	1/1	1.00	0.02	59,59,59,59	0
32	MG	a	3543	1/1	1.00	0.02	58,58,58,58	0
32	MG	a	3544	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	3545	1/1	1.00	0.02	61,61,61,61	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3546	1/1	1.00	0.02	39,39,39,39	0
32	MG	a	3547	1/1	1.00	0.01	39,39,39,39	0
32	MG	A	3356	1/1	1.00	0.01	48,48,48,48	0
32	MG	a	3549	1/1	1.00	0.01	52,52,52,52	0
32	MG	A	3357	1/1	1.00	0.03	77,77,77,77	0
32	MG	a	3551	1/1	1.00	0.02	55,55,55,55	0
32	MG	a	3552	1/1	1.00	0.03	59,59,59,59	0
32	MG	a	3553	1/1	1.00	0.03	44,44,44,44	0
32	MG	A	3358	1/1	1.00	0.06	34,34,34,34	0
32	MG	a	3555	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	3556	1/1	1.00	0.01	66,66,66,66	0
32	MG	a	3557	1/1	1.00	0.01	50,50,50,50	0
32	MG	a	3558	1/1	1.00	0.05	44,44,44,44	0
32	MG	a	3559	1/1	1.00	0.03	56,56,56,56	0
32	MG	a	3560	1/1	1.00	0.02	57,57,57,57	0
32	MG	a	3561	1/1	1.00	0.04	45,45,45,45	0
32	MG	a	3562	1/1	1.00	0.01	57,57,57,57	0
32	MG	a	3563	1/1	1.00	0.04	93,93,93,93	0
32	MG	a	3564	1/1	1.00	0.02	59,59,59,59	0
32	MG	a	3565	1/1	1.00	0.04	66,66,66,66	0
32	MG	a	3566	1/1	1.00	0.02	46,46,46,46	0
32	MG	a	3567	1/1	1.00	0.03	63,63,63,63	0
32	MG	a	3568	1/1	1.00	0.02	69,69,69,69	0
32	MG	a	3569	1/1	1.00	0.02	46,46,46,46	0
32	MG	a	3570	1/1	1.00	0.03	50,50,50,50	0
32	MG	a	3571	1/1	1.00	0.02	51,51,51,51	0
32	MG	a	3572	1/1	1.00	0.02	40,40,40,40	0
32	MG	a	3573	1/1	1.00	0.01	59,59,59,59	0
32	MG	a	3574	1/1	1.00	0.04	43,43,43,43	0
32	MG	a	3575	1/1	1.00	0.03	36,36,36,36	0
32	MG	a	3576	1/1	1.00	0.03	45,45,45,45	0
32	MG	a	3577	1/1	1.00	0.03	56,56,56,56	0
32	MG	a	3578	1/1	1.00	0.02	71,71,71,71	0
32	MG	a	3579	1/1	1.00	0.02	83,83,83,83	0
32	MG	a	3580	1/1	1.00	0.03	53,53,53,53	0
32	MG	a	3581	1/1	1.00	0.03	56,56,56,56	0
32	MG	A	3955	1/1	1.00	0.03	31,31,31,31	0
32	MG	a	3583	1/1	1.00	0.01	73,73,73,73	0
32	MG	a	3584	1/1	1.00	0.01	62,62,62,62	0
32	MG	a	3585	1/1	1.00	0.01	67,67,67,67	0
32	MG	A	3359	1/1	1.00	0.02	39,39,39,39	0
32	MG	a	3587	1/1	1.00	0.02	66,66,66,66	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3588	1/1	1.00	0.02	42,42,42,42	0
32	MG	a	3589	1/1	1.00	0.01	48,48,48,48	0
32	MG	a	3590	1/1	1.00	0.02	44,44,44,44	0
32	MG	A	3360	1/1	1.00	0.02	35,35,35,35	0
32	MG	a	3592	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	3593	1/1	1.00	0.02	70,70,70,70	0
32	MG	A	3361	1/1	1.00	0.04	56,56,56,56	0
32	MG	a	3595	1/1	1.00	0.02	75,75,75,75	0
32	MG	a	3596	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3597	1/1	1.00	0.02	45,45,45,45	0
32	MG	a	3598	1/1	1.00	0.01	41,41,41,41	0
32	MG	a	3599	1/1	1.00	0.02	51,51,51,51	0
32	MG	a	3600	1/1	1.00	0.01	78,78,78,78	0
32	MG	A	3035	1/1	1.00	0.03	37,37,37,37	0
32	MG	a	3602	1/1	1.00	0.03	34,34,34,34	0
32	MG	a	3603	1/1	1.00	0.03	55,55,55,55	0
32	MG	a	3604	1/1	1.00	0.01	44,44,44,44	0
32	MG	a	3605	1/1	1.00	0.01	48,48,48,48	0
32	MG	a	3606	1/1	1.00	0.03	88,88,88,88	0
32	MG	a	3607	1/1	1.00	0.02	93,93,93,93	0
32	MG	a	3608	1/1	1.00	0.02	36,36,36,36	0
32	MG	a	3609	1/1	1.00	0.05	71,71,71,71	0
32	MG	a	3610	1/1	1.00	0.01	52,52,52,52	0
32	MG	a	3611	1/1	1.00	0.02	58,58,58,58	0
32	MG	a	3612	1/1	1.00	0.01	50,50,50,50	0
32	MG	a	3613	1/1	1.00	0.01	43,43,43,43	0
32	MG	a	3614	1/1	1.00	0.01	68,68,68,68	0
32	MG	a	3615	1/1	1.00	0.02	45,45,45,45	0
32	MG	a	3616	1/1	1.00	0.02	60,60,60,60	0
32	MG	a	3617	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3618	1/1	1.00	0.02	67,67,67,67	0
32	MG	a	3619	1/1	1.00	0.02	46,46,46,46	0
32	MG	a	3620	1/1	1.00	0.03	53,53,53,53	0
32	MG	a	3621	1/1	1.00	0.02	57,57,57,57	0
32	MG	a	3622	1/1	1.00	0.01	69,69,69,69	0
32	MG	a	3623	1/1	1.00	0.03	67,67,67,67	0
32	MG	a	3624	1/1	1.00	0.02	66,66,66,66	0
32	MG	a	3625	1/1	1.00	0.03	58,58,58,58	0
32	MG	a	3626	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3627	1/1	1.00	0.01	49,49,49,49	0
32	MG	a	3628	1/1	1.00	0.03	72,72,72,72	0
32	MG	A	3960	1/1	1.00	0.04	2,2,2,2	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3630	1/1	1.00	0.02	74,74,74,74	0
32	MG	a	3631	1/1	1.00	0.01	65,65,65,65	0
32	MG	a	3632	1/1	1.00	0.02	72,72,72,72	0
32	MG	A	3363	1/1	1.00	0.03	64,64,64,64	0
32	MG	a	3634	1/1	1.00	0.04	76,76,76,76	0
32	MG	a	3635	1/1	1.00	0.02	74,74,74,74	0
32	MG	a	3636	1/1	1.00	0.02	87,87,87,87	0
32	MG	a	3637	1/1	1.00	0.04	75,75,75,75	0
32	MG	A	3036	1/1	1.00	0.01	31,31,31,31	0
32	MG	a	3639	1/1	1.00	0.03	65,65,65,65	0
32	MG	a	3640	1/1	1.00	0.02	91,91,91,91	0
32	MG	A	3037	1/1	1.00	0.01	33,33,33,33	0
32	MG	a	3642	1/1	1.00	0.02	87,87,87,87	0
32	MG	a	3643	1/1	1.00	0.03	73,73,73,73	0
32	MG	a	3644	1/1	1.00	0.06	51,51,51,51	0
32	MG	A	3366	1/1	1.00	0.03	33,33,33,33	0
32	MG	a	3646	1/1	1.00	0.01	66,66,66,66	0
32	MG	A	3367	1/1	1.00	0.06	50,50,50,50	0
32	MG	a	3648	1/1	1.00	0.04	63,63,63,63	0
32	MG	a	3649	1/1	1.00	0.01	58,58,58,58	0
32	MG	A	3966	1/1	1.00	0.03	26,26,26,26	0
32	MG	A	3967	1/1	1.00	0.05	95,95,95,95	0
32	MG	A	3368	1/1	1.00	0.02	26,26,26,26	0
32	MG	a	3653	1/1	1.00	0.03	67,67,67,67	0
32	MG	A	3969	1/1	1.00	0.04	95,95,95,95	0
32	MG	a	3655	1/1	1.00	0.04	75,75,75,75	0
32	MG	a	3656	1/1	1.00	0.02	59,59,59,59	0
32	MG	A	3369	1/1	1.00	0.07	52,52,52,52	0
32	MG	A	3370	1/1	1.00	0.03	47,47,47,47	0
32	MG	a	3659	1/1	1.00	0.03	69,69,69,69	0
32	MG	A	3371	1/1	1.00	0.01	38,38,38,38	0
32	MG	A	3372	1/1	1.00	0.01	47,47,47,47	0
32	MG	a	3662	1/1	1.00	0.01	63,63,63,63	0
32	MG	a	3663	1/1	1.00	0.03	78,78,78,78	0
32	MG	a	3664	1/1	1.00	0.04	71,71,71,71	0
32	MG	a	3665	1/1	1.00	0.03	62,62,62,62	0
32	MG	a	3666	1/1	1.00	0.02	69,69,69,69	0
32	MG	a	3667	1/1	1.00	0.01	64,64,64,64	0
32	MG	a	3668	1/1	1.00	0.06	68,68,68,68	0
32	MG	a	3669	1/1	1.00	0.03	58,58,58,58	0
32	MG	a	3670	1/1	1.00	0.03	79,79,79,79	0
32	MG	A	3974	1/1	1.00	0.06	10,10,10,10	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3672	1/1	1.00	0.03	58,58,58,58	0
32	MG	a	3673	1/1	1.00	0.03	59,59,59,59	0
32	MG	a	3674	1/1	1.00	0.04	55,55,55,55	0
32	MG	A	3373	1/1	1.00	0.02	53,53,53,53	0
32	MG	a	3676	1/1	1.00	0.01	56,56,56,56	0
32	MG	a	3677	1/1	1.00	0.05	75,75,75,75	0
32	MG	a	3678	1/1	1.00	0.05	71,71,71,71	0
32	MG	A	3976	1/1	1.00	0.06	2,2,2,2	0
32	MG	A	3374	1/1	1.00	0.01	43,43,43,43	0
32	MG	a	3681	1/1	1.00	0.03	72,72,72,72	0
32	MG	a	3682	1/1	1.00	0.02	61,61,61,61	0
32	MG	a	3683	1/1	1.00	0.01	77,77,77,77	0
32	MG	a	3684	1/1	1.00	0.02	70,70,70,70	0
32	MG	A	3375	1/1	1.00	0.03	49,49,49,49	0
32	MG	a	3686	1/1	1.00	0.03	49,49,49,49	0
32	MG	a	3687	1/1	1.00	0.03	69,69,69,69	0
32	MG	a	3688	1/1	1.00	0.01	39,39,39,39	0
32	MG	a	3689	1/1	1.00	0.03	67,67,67,67	0
32	MG	a	3690	1/1	1.00	0.02	70,70,70,70	0
32	MG	a	3691	1/1	1.00	0.01	80,80,80,80	0
32	MG	a	3692	1/1	1.00	0.05	73,73,73,73	0
32	MG	a	3693	1/1	1.00	0.03	93,93,93,93	0
32	MG	a	3694	1/1	1.00	0.02	57,57,57,57	0
32	MG	a	3695	1/1	1.00	0.02	73,73,73,73	0
32	MG	A	3376	1/1	1.00	0.03	68,68,68,68	0
32	MG	a	3697	1/1	1.00	0.04	62,62,62,62	0
32	MG	a	3698	1/1	1.00	0.04	83,83,83,83	0
32	MG	a	3699	1/1	1.00	0.05	67,67,67,67	0
32	MG	A	3377	1/1	1.00	0.02	59,59,59,59	0
32	MG	a	3701	1/1	1.00	0.02	76,76,76,76	0
32	MG	A	3981	1/1	1.00	0.04	63,63,63,63	0
32	MG	a	3703	1/1	1.00	0.03	59,59,59,59	0
32	MG	a	3704	1/1	1.00	0.07	89,89,89,89	0
32	MG	a	3705	1/1	1.00	0.04	61,61,61,61	0
32	MG	A	3982	1/1	1.00	0.05	50,50,50,50	0
32	MG	a	3707	1/1	1.00	0.04	69,69,69,69	0
32	MG	A	3378	1/1	1.00	0.02	64,64,64,64	0
32	MG	a	3709	1/1	1.00	0.02	64,64,64,64	0
32	MG	a	3710	1/1	1.00	0.03	78,78,78,78	0
32	MG	a	3711	1/1	1.00	0.03	64,64,64,64	0
32	MG	a	3712	1/1	1.00	0.03	67,67,67,67	0
32	MG	a	3713	1/1	1.00	0.03	66,66,66,66	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	3984	1/1	1.00	0.04	95,95,95,95	0
32	MG	a	3715	1/1	1.00	0.04	65,65,65,65	0
32	MG	A	3985	1/1	1.00	0.04	2,2,2,2	0
32	MG	a	3717	1/1	1.00	0.03	69,69,69,69	0
32	MG	a	3718	1/1	1.00	0.03	77,77,77,77	0
32	MG	a	3719	1/1	1.00	0.02	80,80,80,80	0
32	MG	a	3720	1/1	1.00	0.01	75,75,75,75	0
32	MG	a	3721	1/1	1.00	0.02	64,64,64,64	0
32	MG	a	3722	1/1	1.00	0.03	79,79,79,79	0
32	MG	A	3986	1/1	1.00	0.04	25,25,25,25	0
32	MG	a	3724	1/1	1.00	0.04	55,55,55,55	0
32	MG	A	3379	1/1	1.00	0.01	80,80,80,80	0
32	MG	A	3380	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3727	1/1	1.00	0.02	78,78,78,78	0
32	MG	a	3728	1/1	1.00	0.03	72,72,72,72	0
32	MG	A	3381	1/1	1.00	0.01	51,51,51,51	0
32	MG	a	3730	1/1	1.00	0.06	58,58,58,58	0
32	MG	a	3731	1/1	1.00	0.02	62,62,62,62	0
32	MG	a	3732	1/1	1.00	0.04	60,60,60,60	0
32	MG	a	3733	1/1	1.00	0.03	86,86,86,86	0
32	MG	a	3734	1/1	1.00	0.03	74,74,74,74	0
32	MG	a	3735	1/1	1.00	0.02	68,68,68,68	0
32	MG	A	3382	1/1	1.00	0.03	54,54,54,54	0
32	MG	a	3737	1/1	1.00	0.01	59,59,59,59	0
32	MG	a	3738	1/1	1.00	0.05	70,70,70,70	0
32	MG	a	3739	1/1	1.00	0.03	84,84,84,84	0
32	MG	a	3740	1/1	1.00	0.02	76,76,76,76	0
32	MG	a	3741	1/1	1.00	0.03	85,85,85,85	0
32	MG	a	3742	1/1	1.00	0.02	66,66,66,66	0
32	MG	a	3743	1/1	1.00	0.02	83,83,83,83	0
32	MG	A	3383	1/1	1.00	0.01	50,50,50,50	0
32	MG	A	3384	1/1	1.00	0.02	88,88,88,88	0
32	MG	A	3385	1/1	1.00	0.02	40,40,40,40	0
32	MG	a	3747	1/1	1.00	0.02	63,63,63,63	0
32	MG	a	3748	1/1	1.00	0.02	72,72,72,72	0
32	MG	a	3749	1/1	1.00	0.02	67,67,67,67	0
32	MG	a	3750	1/1	1.00	0.01	64,64,64,64	0
32	MG	a	3751	1/1	1.00	0.03	61,61,61,61	0
32	MG	A	3994	1/1	1.00	0.02	22,22,22,22	0
32	MG	a	3753	1/1	1.00	0.03	73,73,73,73	0
32	MG	a	3754	1/1	1.00	0.02	60,60,60,60	0
32	MG	a	3755	1/1	1.00	0.05	74,74,74,74	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3756	1/1	1.00	0.03	64,64,64,64	0
32	MG	a	3757	1/1	1.00	0.01	64,64,64,64	0
32	MG	a	3758	1/1	1.00	0.03	76,76,76,76	0
32	MG	a	3759	1/1	1.00	0.06	74,74,74,74	0
32	MG	a	3760	1/1	1.00	0.02	77,77,77,77	0
32	MG	A	3386	1/1	1.00	0.06	60,60,60,60	0
32	MG	a	3762	1/1	1.00	0.03	84,84,84,84	0
32	MG	a	3763	1/1	1.00	0.04	70,70,70,70	0
32	MG	a	3764	1/1	1.00	0.03	42,42,42,42	0
32	MG	a	3765	1/1	1.00	0.04	69,69,69,69	0
32	MG	a	3766	1/1	1.00	0.04	77,77,77,77	0
32	MG	a	3767	1/1	1.00	0.04	68,68,68,68	0
32	MG	A	3996	1/1	1.00	0.02	14,14,14,14	0
32	MG	a	3769	1/1	1.00	0.01	56,56,56,56	0
32	MG	A	3387	1/1	1.00	0.01	54,54,54,54	0
32	MG	a	3771	1/1	1.00	0.01	63,63,63,63	0
32	MG	a	3772	1/1	1.00	0.01	92,92,92,92	0
32	MG	a	3773	1/1	1.00	0.03	75,75,75,75	0
32	MG	a	3774	1/1	1.00	0.02	63,63,63,63	0
32	MG	a	3775	1/1	1.00	0.02	89,89,89,89	0
32	MG	a	3776	1/1	1.00	0.01	79,79,79,79	0
32	MG	a	3777	1/1	1.00	0.03	62,62,62,62	0
32	MG	a	3778	1/1	1.00	0.02	68,68,68,68	0
32	MG	a	3779	1/1	1.00	0.02	71,71,71,71	0
32	MG	a	3780	1/1	1.00	0.04	72,72,72,72	0
32	MG	a	3781	1/1	1.00	0.02	59,59,59,59	0
32	MG	a	3782	1/1	1.00	0.02	67,67,67,67	0
32	MG	a	3783	1/1	1.00	0.02	57,57,57,57	0
32	MG	A	3388	1/1	1.00	0.02	57,57,57,57	0
32	MG	a	3785	1/1	1.00	0.03	64,64,64,64	0
32	MG	a	3786	1/1	1.00	0.02	64,64,64,64	0
32	MG	a	3787	1/1	1.00	0.02	66,66,66,66	0
32	MG	a	3788	1/1	1.00	0.03	62,62,62,62	0
32	MG	A	3389	1/1	1.00	0.03	83,83,83,83	0
32	MG	a	3790	1/1	1.00	0.01	63,63,63,63	0
32	MG	A	3390	1/1	1.00	0.01	44,44,44,44	0
32	MG	a	3792	1/1	1.00	0.03	79,79,79,79	0
32	MG	a	3793	1/1	1.00	0.02	67,67,67,67	0
32	MG	A	3391	1/1	1.00	0.04	67,67,67,67	0
32	MG	A	3392	1/1	1.00	0.03	72,72,72,72	0
32	MG	a	3796	1/1	1.00	0.03	73,73,73,73	0
32	MG	a	3797	1/1	1.00	0.04	72,72,72,72	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3798	1/1	1.00	0.04	70,70,70,70	0
32	MG	a	3799	1/1	1.00	0.02	72,72,72,72	0
32	MG	a	3800	1/1	1.00	0.02	63,63,63,63	0
32	MG	a	3801	1/1	1.00	0.02	44,44,44,44	0
32	MG	a	3802	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	3803	1/1	1.00	0.01	53,53,53,53	0
32	MG	A	4003	1/1	1.00	0.02	15,15,15,15	0
32	MG	A	3038	1/1	1.00	0.01	59,59,59,59	0
32	MG	A	3394	1/1	1.00	0.01	39,39,39,39	0
32	MG	A	3395	1/1	1.00	0.03	52,52,52,52	0
32	MG	A	3396	1/1	1.00	0.02	40,40,40,40	0
32	MG	A	3397	1/1	1.00	0.01	62,62,62,62	0
32	MG	A	3398	1/1	1.00	0.05	49,49,49,49	0
32	MG	A	4010	1/1	1.00	0.02	25,25,25,25	0
32	MG	a	3812	1/1	1.00	0.02	23,23,23,23	0
32	MG	A	4011	1/1	1.00	0.02	31,31,31,31	0
32	MG	A	3399	1/1	1.00	0.03	51,51,51,51	0
32	MG	a	3815	1/1	1.00	0.02	16,16,16,16	0
32	MG	A	3400	1/1	1.00	0.02	45,45,45,45	0
32	MG	A	3401	1/1	1.00	0.01	60,60,60,60	0
32	MG	a	3818	1/1	1.00	0.02	10,10,10,10	0
32	MG	A	3402	1/1	1.00	0.03	45,45,45,45	0
32	MG	A	3403	1/1	1.00	0.02	41,41,41,41	0
32	MG	A	3404	1/1	1.00	0.02	37,37,37,37	0
32	MG	A	4018	1/1	1.00	0.03	25,25,25,25	0
32	MG	A	3405	1/1	1.00	0.02	49,49,49,49	0
32	MG	A	3406	1/1	1.00	0.01	60,60,60,60	0
32	MG	a	3825	1/1	1.00	0.01	20,20,20,20	0
32	MG	a	3826	1/1	1.00	0.03	30,30,30,30	0
32	MG	A	3407	1/1	1.00	0.01	51,51,51,51	0
32	MG	a	3828	1/1	1.00	0.05	52,52,52,52	0
32	MG	A	3408	1/1	1.00	0.01	48,48,48,48	0
32	MG	a	3830	1/1	1.00	0.03	50,50,50,50	0
32	MG	A	3409	1/1	1.00	0.02	49,49,49,49	0
32	MG	a	3832	1/1	1.00	0.02	95,95,95,95	0
32	MG	A	3410	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3834	1/1	1.00	0.04	95,95,95,95	0
32	MG	a	3835	1/1	1.00	0.04	4,4,4,4	0
32	MG	A	3411	1/1	1.00	0.01	73,73,73,73	0
32	MG	A	3412	1/1	1.00	0.04	68,68,68,68	0
32	MG	a	3838	1/1	1.00	0.01	5,5,5,5	0
32	MG	a	3839	1/1	1.00	0.02	17,17,17,17	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3840	1/1	1.00	0.02	9,9,9,9	0
32	MG	A	3039	1/1	1.00	0.01	73,73,73,73	0
32	MG	a	3842	1/1	1.00	0.04	2,2,2,2	0
32	MG	A	3003	1/1	1.00	0.02	42,42,42,42	0
32	MG	A	3415	1/1	1.00	0.02	52,52,52,52	0
32	MG	A	3416	1/1	1.00	0.05	53,53,53,53	0
32	MG	A	3417	1/1	1.00	0.01	61,61,61,61	0
32	MG	A	3418	1/1	1.00	0.02	73,73,73,73	0
32	MG	A	3419	1/1	1.00	0.02	61,61,61,61	0
32	MG	a	3849	1/1	1.00	0.02	7,7,7,7	0
32	MG	a	3850	1/1	1.00	0.06	14,14,14,14	0
32	MG	A	3420	1/1	1.00	0.02	72,72,72,72	0
32	MG	A	3421	1/1	1.00	0.02	52,52,52,52	0
32	MG	A	3041	1/1	1.00	0.01	28,28,28,28	0
32	MG	A	3423	1/1	1.00	0.02	86,86,86,86	0
32	MG	A	3424	1/1	1.00	0.02	56,56,56,56	0
32	MG	A	3425	1/1	1.00	0.02	39,39,39,39	0
32	MG	a	3857	1/1	1.00	0.02	21,21,21,21	0
32	MG	A	4040	1/1	1.00	0.02	24,24,24,24	0
32	MG	a	3859	1/1	1.00	0.04	11,11,11,11	0
32	MG	a	3860	1/1	1.00	0.04	56,56,56,56	0
32	MG	a	3861	1/1	1.00	0.04	10,10,10,10	0
32	MG	A	4041	1/1	1.00	0.02	16,16,16,16	0
32	MG	A	3426	1/1	1.00	0.03	49,49,49,49	0
32	MG	A	3427	1/1	1.00	0.02	26,26,26,26	0
32	MG	a	3865	1/1	1.00	0.03	2,2,2,2	0
32	MG	a	3866	1/1	1.00	0.03	18,18,18,18	0
32	MG	A	3428	1/1	1.00	0.03	58,58,58,58	0
32	MG	A	3429	1/1	1.00	0.02	62,62,62,62	0
32	MG	A	3430	1/1	1.00	0.02	68,68,68,68	0
32	MG	A	3431	1/1	1.00	0.01	59,59,59,59	0
32	MG	A	3432	1/1	1.00	0.02	61,61,61,61	0
32	MG	A	3433	1/1	1.00	0.04	91,91,91,91	0
32	MG	A	3434	1/1	1.00	0.02	65,65,65,65	0
32	MG	A	3435	1/1	1.00	0.04	97,97,97,97	0
32	MG	A	3436	1/1	1.00	0.04	66,66,66,66	0
32	MG	A	3437	1/1	1.00	0.02	52,52,52,52	0
32	MG	A	3438	1/1	1.00	0.01	49,49,49,49	0
32	MG	a	3878	1/1	1.00	0.04	95,95,95,95	0
32	MG	A	4055	1/1	1.00	0.02	35,35,35,35	0
32	MG	A	3439	1/1	1.00	0.02	51,51,51,51	0
32	MG	A	3440	1/1	1.00	0.01	83,83,83,83	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3441	1/1	1.00	0.02	71,71,71,71	0
32	MG	A	3442	1/1	1.00	0.03	47,47,47,47	0
32	MG	A	3443	1/1	1.00	0.01	61,61,61,61	0
32	MG	a	3885	1/1	1.00	0.05	26,26,26,26	0
32	MG	A	3042	1/1	1.00	0.01	27,27,27,27	0
32	MG	A	3445	1/1	1.00	0.03	85,85,85,85	0
32	MG	A	3446	1/1	1.00	0.03	52,52,52,52	0
32	MG	a	3889	1/1	1.00	0.02	6,6,6,6	0
32	MG	A	3447	1/1	1.00	0.01	59,59,59,59	0
32	MG	a	3891	1/1	1.00	0.06	95,95,95,95	0
32	MG	A	3448	1/1	1.00	0.03	60,60,60,60	0
32	MG	A	4066	1/1	1.00	0.03	32,32,32,32	0
32	MG	A	3449	1/1	1.00	0.03	63,63,63,63	0
32	MG	A	4068	1/1	1.00	0.01	24,24,24,24	0
32	MG	A	3450	1/1	1.00	0.01	35,35,35,35	0
32	MG	A	3451	1/1	1.00	0.01	55,55,55,55	0
32	MG	a	3898	1/1	1.00	0.04	7,7,7,7	0
32	MG	A	3452	1/1	1.00	0.01	113,113,113,113	0
32	MG	a	3900	1/1	1.00	0.04	12,12,12,12	0
32	MG	A	3453	1/1	1.00	0.02	65,65,65,65	0
32	MG	A	3454	1/1	1.00	0.00	42,42,42,42	0
32	MG	A	3455	1/1	1.00	0.04	44,44,44,44	0
32	MG	a	3904	1/1	1.00	0.03	39,39,39,39	0
32	MG	A	3456	1/1	1.00	0.01	52,52,52,52	0
32	MG	A	3457	1/1	1.00	0.04	61,61,61,61	0
32	MG	A	3458	1/1	1.00	0.03	40,40,40,40	0
32	MG	A	3459	1/1	1.00	0.03	67,67,67,67	0
32	MG	A	4079	1/1	1.00	0.04	29,29,29,29	0
32	MG	A	3460	1/1	1.00	0.03	72,72,72,72	0
32	MG	A	3461	1/1	1.00	0.03	57,57,57,57	0
32	MG	a	3912	1/1	1.00	0.02	32,32,32,32	0
32	MG	A	3462	1/1	1.00	0.01	41,41,41,41	0
32	MG	a	3914	1/1	1.00	0.02	28,28,28,28	0
32	MG	a	3915	1/1	1.00	0.02	11,11,11,11	0
32	MG	a	3916	1/1	1.00	0.01	39,39,39,39	0
32	MG	A	3463	1/1	1.00	0.02	51,51,51,51	0
32	MG	A	3464	1/1	1.00	0.02	34,34,34,34	0
32	MG	a	3919	1/1	1.00	0.03	46,46,46,46	0
32	MG	A	3465	1/1	1.00	0.01	86,86,86,86	0
32	MG	A	3466	1/1	1.00	0.03	69,69,69,69	0
32	MG	A	4087	1/1	1.00	0.02	27,27,27,27	0
32	MG	A	3467	1/1	1.00	0.03	54,54,54,54	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3043	1/1	1.00	0.01	18,18,18,18	0
32	MG	A	3469	1/1	1.00	0.02	64,64,64,64	0
32	MG	A	3470	1/1	1.00	0.07	47,47,47,47	0
32	MG	A	3471	1/1	1.00	0.04	80,80,80,80	0
32	MG	a	3928	1/1	1.00	0.03	41,41,41,41	0
32	MG	A	3004	1/1	1.00	0.01	20,20,20,20	0
32	MG	a	3930	1/1	1.00	0.02	15,15,15,15	0
32	MG	A	4094	1/1	1.00	0.03	32,32,32,32	0
32	MG	A	3473	1/1	1.00	0.02	66,66,66,66	0
32	MG	A	3474	1/1	1.00	0.06	67,67,67,67	0
32	MG	A	3475	1/1	1.00	0.05	76,76,76,76	0
32	MG	A	4098	1/1	1.00	0.03	26,26,26,26	0
32	MG	A	3476	1/1	1.00	0.01	66,66,66,66	0
32	MG	A	3477	1/1	1.00	0.02	78,78,78,78	0
32	MG	A	3478	1/1	1.00	0.03	66,66,66,66	0
32	MG	A	3479	1/1	1.00	0.02	84,84,84,84	0
32	MG	A	3045	1/1	1.00	0.01	66,66,66,66	0
32	MG	A	3046	1/1	1.00	0.02	33,33,33,33	0
32	MG	a	3942	1/1	1.00	0.02	14,14,14,14	0
32	MG	A	3482	1/1	1.00	0.04	79,79,79,79	0
32	MG	A	3047	1/1	1.00	0.02	24,24,24,24	0
32	MG	A	3484	1/1	1.00	0.04	80,80,80,80	0
32	MG	a	3946	1/1	1.00	0.07	0,0,0,0	0
32	MG	A	3485	1/1	1.00	0.04	62,62,62,62	0
32	MG	A	4109	1/1	1.00	0.02	19,19,19,19	0
32	MG	A	3486	1/1	1.00	0.05	73,73,73,73	0
32	MG	A	3487	1/1	1.00	0.02	83,83,83,83	0
32	MG	A	3488	1/1	1.00	0.03	75,75,75,75	0
32	MG	A	4113	1/1	1.00	0.02	25,25,25,25	0
32	MG	A	3005	1/1	1.00	0.01	22,22,22,22	0
32	MG	A	3490	1/1	1.00	0.05	71,71,71,71	0
32	MG	a	3955	1/1	1.00	0.06	82,82,82,82	0
32	MG	A	3491	1/1	1.00	0.02	66,66,66,66	0
32	MG	A	4117	1/1	1.00	0.01	37,37,37,37	0
32	MG	a	3958	1/1	1.00	0.02	3,3,3,3	0
32	MG	A	3492	1/1	1.00	0.05	69,69,69,69	0
32	MG	A	3049	1/1	1.00	0.03	34,34,34,34	0
32	MG	A	3494	1/1	1.00	0.03	58,58,58,58	0
32	MG	A	3495	1/1	1.00	0.02	91,91,91,91	0
32	MG	A	4122	1/1	1.00	0.02	23,23,23,23	0
32	MG	A	3496	1/1	1.00	0.06	74,74,74,74	0
32	MG	A	3497	1/1	1.00	0.03	69,69,69,69	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3498	1/1	1.00	0.02	60,60,60,60	0
32	MG	A	4126	1/1	1.00	0.00	29,29,29,29	0
32	MG	A	3499	1/1	1.00	0.01	74,74,74,74	0
32	MG	a	3969	1/1	1.00	0.04	23,23,23,23	0
32	MG	A	3500	1/1	1.00	0.02	72,72,72,72	0
32	MG	A	3501	1/1	1.00	0.05	73,73,73,73	0
32	MG	A	3502	1/1	1.00	0.02	89,89,89,89	0
32	MG	A	3503	1/1	1.00	0.04	76,76,76,76	0
32	MG	A	3006	1/1	1.00	0.04	24,24,24,24	0
32	MG	A	3505	1/1	1.00	0.02	93,93,93,93	0
32	MG	A	3506	1/1	1.00	0.04	77,77,77,77	0
32	MG	A	3507	1/1	1.00	0.03	62,62,62,62	0
32	MG	A	3508	1/1	1.00	0.01	68,68,68,68	0
32	MG	A	4137	1/1	1.00	0.01	27,27,27,27	0
32	MG	A	3509	1/1	1.00	0.02	72,72,72,72	0
32	MG	A	3510	1/1	1.00	0.03	74,74,74,74	0
32	MG	A	3511	1/1	1.00	0.02	72,72,72,72	0
32	MG	a	3983	1/1	1.00	0.01	12,12,12,12	0
32	MG	A	3512	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3985	1/1	1.00	0.03	29,29,29,29	0
32	MG	A	4142	1/1	1.00	0.01	27,27,27,27	0
32	MG	A	3513	1/1	1.00	0.02	88,88,88,88	0
32	MG	A	3514	1/1	1.00	0.01	78,78,78,78	0
32	MG	a	3989	1/1	1.00	0.03	14,14,14,14	0
32	MG	A	3007	1/1	1.00	0.02	33,33,33,33	0
32	MG	A	3052	1/1	1.00	0.02	47,47,47,47	0
32	MG	A	3517	1/1	1.00	0.01	68,68,68,68	0
32	MG	A	3518	1/1	1.00	0.02	65,65,65,65	0
32	MG	A	3053	1/1	1.00	0.01	28,28,28,28	0
32	MG	A	3520	1/1	1.00	0.02	61,61,61,61	0
32	MG	A	3521	1/1	1.00	0.02	77,77,77,77	0
32	MG	A	3522	1/1	1.00	0.01	62,62,62,62	0
32	MG	A	3523	1/1	1.00	0.02	72,72,72,72	0
32	MG	A	4154	1/1	1.00	0.02	15,15,15,15	0
32	MG	A	3524	1/1	1.00	0.01	73,73,73,73	0
32	MG	A	3525	1/1	1.00	0.01	56,56,56,56	0
32	MG	A	3526	1/1	1.00	0.02	58,58,58,58	0
32	MG	A	3527	1/1	1.00	0.04	61,61,61,61	0
32	MG	a	4004	1/1	1.00	0.01	13,13,13,13	0
32	MG	A	3054	1/1	1.00	0.01	32,32,32,32	0
32	MG	a	4006	1/1	1.00	0.03	27,27,27,27	0
32	MG	A	3529	1/1	1.00	0.02	102,102,102,102	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	4161	1/1	1.00	0.03	29,29,29,29	0
32	MG	A	3530	1/1	1.00	0.01	65,65,65,65	0
32	MG	a	4010	1/1	1.00	0.02	11,11,11,11	0
32	MG	A	3531	1/1	1.00	0.01	61,61,61,61	0
32	MG	a	4012	1/1	1.00	0.04	0,0,0,0	0
32	MG	A	3532	1/1	1.00	0.02	72,72,72,72	0
32	MG	A	3055	1/1	1.00	0.02	20,20,20,20	0
32	MG	A	3534	1/1	1.00	0.02	58,58,58,58	0
32	MG	A	3535	1/1	1.00	0.03	71,71,71,71	0
32	MG	a	4017	1/1	1.00	0.01	33,33,33,33	0
32	MG	A	3056	1/1	1.00	0.01	11,11,11,11	0
32	MG	A	4169	1/1	1.00	0.01	23,23,23,23	0
32	MG	A	3057	1/1	1.00	0.01	29,29,29,29	0
32	MG	A	3538	1/1	1.00	0.03	90,90,90,90	0
32	MG	A	3058	1/1	1.00	0.02	33,33,33,33	0
32	MG	a	4023	1/1	1.00	0.04	95,95,95,95	0
32	MG	A	3540	1/1	1.00	0.02	63,63,63,63	0
32	MG	a	4025	1/1	1.00	0.02	0,0,0,0	0
32	MG	A	3059	1/1	1.00	0.02	36,36,36,36	0
32	MG	A	3060	1/1	1.00	0.03	35,35,35,35	0
32	MG	A	4176	1/1	1.00	0.00	21,21,21,21	0
32	MG	A	4177	1/1	1.00	0.02	20,20,20,20	0
32	MG	A	3543	1/1	1.00	0.03	78,78,78,78	0
32	MG	a	4031	1/1	1.00	0.01	2,2,2,2	0
32	MG	A	3544	1/1	1.00	0.02	82,82,82,82	0
32	MG	A	4180	1/1	1.00	0.01	28,28,28,28	0
32	MG	A	3545	1/1	1.00	0.04	52,52,52,52	0
32	MG	a	4035	1/1	1.00	0.04	37,37,37,37	0
32	MG	a	4036	1/1	1.00	0.02	13,13,13,13	0
32	MG	A	3546	1/1	1.00	0.04	70,70,70,70	0
32	MG	a	4038	1/1	1.00	0.03	5,5,5,5	0
32	MG	A	3061	1/1	1.00	0.02	28,28,28,28	0
32	MG	A	3548	1/1	1.00	0.04	62,62,62,62	0
32	MG	A	3062	1/1	1.00	0.01	48,48,48,48	0
32	MG	A	3550	1/1	1.00	0.05	62,62,62,62	0
32	MG	A	3551	1/1	1.00	0.05	76,76,76,76	0
32	MG	A	3552	1/1	1.00	0.02	74,74,74,74	0
32	MG	A	3553	1/1	1.00	0.02	72,72,72,72	0
32	MG	a	4046	1/1	1.00	0.01	44,44,44,44	0
32	MG	A	3554	1/1	1.00	0.03	65,65,65,65	0
32	MG	A	3555	1/1	1.00	0.03	76,76,76,76	0
32	MG	A	3556	1/1	1.00	0.01	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	3557	1/1	1.00	0.01	59,59,59,59	0
32	MG	A	4194	1/1	1.00	0.04	34,34,34,34	0
32	MG	A	3558	1/1	1.00	0.04	71,71,71,71	0
32	MG	a	4053	1/1	1.00	0.02	6,6,6,6	0
32	MG	A	3559	1/1	1.00	0.05	64,64,64,64	0
32	MG	A	3560	1/1	1.00	0.01	74,74,74,74	0
32	MG	A	3561	1/1	1.00	0.01	49,49,49,49	0
32	MG	a	4057	1/1	1.00	0.01	9,9,9,9	0
32	MG	A	3008	1/1	1.00	0.04	35,35,35,35	0
32	MG	A	3563	1/1	1.00	0.02	72,72,72,72	0
32	MG	A	3564	1/1	1.00	0.02	69,69,69,69	0
32	MG	A	3565	1/1	1.00	0.01	62,62,62,62	0
32	MG	a	4062	1/1	1.00	0.02	7,7,7,7	0
32	MG	A	3566	1/1	1.00	0.02	71,71,71,71	0
32	MG	A	4204	1/1	1.00	0.01	27,27,27,27	0
32	MG	A	3567	1/1	1.00	0.01	56,56,56,56	0
32	MG	A	3568	1/1	1.00	0.01	74,74,74,74	0
32	MG	A	3569	1/1	1.00	0.02	92,92,92,92	0
32	MG	A	4208	1/1	1.00	0.03	25,25,25,25	0
32	MG	A	3570	1/1	1.00	0.03	58,58,58,58	0
32	MG	A	3571	1/1	1.00	0.03	71,71,71,71	0
32	MG	A	3572	1/1	1.00	0.02	67,67,67,67	0
32	MG	A	4212	1/1	1.00	0.02	32,32,32,32	0
32	MG	A	4213	1/1	1.00	0.01	28,28,28,28	0
32	MG	A	3573	1/1	1.00	0.03	74,74,74,74	0
32	MG	A	3574	1/1	1.00	0.03	76,76,76,76	0
32	MG	a	4076	1/1	1.00	0.06	95,95,95,95	0
32	MG	A	3575	1/1	1.00	0.01	67,67,67,67	0
32	MG	A	4217	1/1	1.00	0.06	27,27,27,27	0
32	MG	a	4079	1/1	1.00	0.01	9,9,9,9	0
32	MG	A	3576	1/1	1.00	0.03	69,69,69,69	0
32	MG	A	3064	1/1	1.00	0.03	82,82,82,82	0
32	MG	A	4220	1/1	1.00	0.01	27,27,27,27	0
32	MG	A	3578	1/1	1.00	0.03	64,64,64,64	0
32	MG	A	3065	1/1	1.00	0.01	23,23,23,23	0
32	MG	A	3580	1/1	1.00	0.02	54,54,54,54	0
32	MG	A	3066	1/1	1.00	0.04	20,20,20,20	0
32	MG	A	3067	1/1	1.00	0.02	5,5,5,5	0
32	MG	A	3068	1/1	1.00	0.01	29,29,29,29	0
32	MG	a	4089	1/1	1.00	0.04	38,38,38,38	0
32	MG	A	4227	1/1	1.00	0.01	25,25,25,25	0
32	MG	A	3584	1/1	1.00	0.02	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	4229	1/1	1.00	0.02	24,24,24,24	0
32	MG	A	3585	1/1	1.00	0.02	59,59,59,59	0
32	MG	A	3586	1/1	1.00	0.01	57,57,57,57	0
32	MG	A	3587	1/1	1.00	0.02	75,75,75,75	0
32	MG	A	3588	1/1	1.00	0.04	56,56,56,56	0
32	MG	A	4234	1/1	1.00	0.02	25,25,25,25	0
32	MG	A	3589	1/1	1.00	0.01	57,57,57,57	0
32	MG	a	4099	1/1	1.00	0.03	66,66,66,66	0
32	MG	a	4100	1/1	1.00	0.01	4,4,4,4	0
32	MG	A	3590	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	4102	1/1	1.00	0.03	2,2,2,2	0
32	MG	A	3591	1/1	1.00	0.02	56,56,56,56	0
32	MG	A	3592	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	4105	1/1	1.00	0.03	3,3,3,3	0
32	MG	a	4106	1/1	1.00	0.02	1,1,1,1	0
32	MG	A	3593	1/1	1.00	0.04	55,55,55,55	0
32	MG	A	3594	1/1	1.00	0.02	55,55,55,55	0
32	MG	A	3595	1/1	1.00	0.01	55,55,55,55	0
32	MG	A	3596	1/1	1.00	0.01	54,54,54,54	0
32	MG	A	4243	1/1	1.00	0.02	27,27,27,27	0
32	MG	a	4112	1/1	1.00	0.01	1,1,1,1	0
32	MG	A	3597	1/1	1.00	0.02	55,55,55,55	0
32	MG	A	3598	1/1	1.00	0.01	55,55,55,55	0
32	MG	A	3599	1/1	1.00	0.01	56,56,56,56	0
32	MG	a	4116	1/1	1.00	0.02	7,7,7,7	0
32	MG	A	3069	1/1	1.00	0.02	38,38,38,38	0
32	MG	A	3009	1/1	1.00	0.02	18,18,18,18	0
32	MG	A	4249	1/1	1.00	0.07	30,30,30,30	0
32	MG	A	3071	1/1	1.00	0.02	22,22,22,22	0
32	MG	A	3072	1/1	1.00	0.02	56,56,56,56	0
32	MG	A	3073	1/1	1.00	0.01	39,39,39,39	0
32	MG	A	3605	1/1	1.00	0.02	17,17,17,17	0
32	MG	a	4124	1/1	1.00	0.07	36,36,36,36	0
32	MG	A	3074	1/1	1.00	0.02	37,37,37,37	0
32	MG	a	4126	1/1	1.00	0.05	95,95,95,95	0
32	MG	a	4127	1/1	1.00	0.02	31,31,31,31	0
32	MG	A	4255	1/1	1.00	0.05	31,31,31,31	0
32	MG	A	3075	1/1	1.00	0.01	32,32,32,32	0
32	MG	A	3076	1/1	1.00	0.01	23,23,23,23	0
32	MG	A	3077	1/1	1.00	0.03	18,18,18,18	0
32	MG	A	3010	1/1	1.00	0.03	54,54,54,54	0
32	MG	a	4133	1/1	1.00	0.01	29,29,29,29	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3611	1/1	1.00	0.04	0,0,0,0	0
32	MG	A	3079	1/1	1.00	0.01	50,50,50,50	0
32	MG	A	3080	1/1	1.00	0.03	70,70,70,70	0
32	MG	A	3081	1/1	1.00	0.02	13,13,13,13	0
32	MG	A	3615	1/1	1.00	0.05	9,9,9,9	0
32	MG	A	3616	1/1	1.00	0.04	1,1,1,1	0
32	MG	A	3617	1/1	1.00	0.04	37,37,37,37	0
32	MG	a	4141	1/1	1.00	0.02	1,1,1,1	0
32	MG	A	3082	1/1	1.00	0.01	62,62,62,62	0
32	MG	A	3083	1/1	1.00	0.01	19,19,19,19	0
32	MG	a	4144	1/1	1.00	0.02	22,22,22,22	0
32	MG	A	3084	1/1	1.00	0.02	31,31,31,31	0
32	MG	A	3085	1/1	1.00	0.02	32,32,32,32	0
32	MG	A	3086	1/1	1.00	0.01	65,65,65,65	0
32	MG	A	3087	1/1	1.00	0.03	42,42,42,42	0
32	MG	A	3624	1/1	1.00	0.03	3,3,3,3	0
32	MG	A	3088	1/1	1.00	0.02	59,59,59,59	0
32	MG	A	3626	1/1	1.00	0.02	11,11,11,11	0
32	MG	a	4152	1/1	1.00	0.02	25,25,25,25	0
32	MG	A	3627	1/1	1.00	0.02	11,11,11,11	0
32	MG	A	3089	1/1	1.00	0.02	73,73,73,73	0
32	MG	A	3090	1/1	1.00	0.01	103,103,103,103	0
32	MG	A	3630	1/1	1.00	0.04	2,2,2,2	0
32	MG	A	3091	1/1	1.00	0.01	24,24,24,24	0
32	MG	A	3092	1/1	1.00	0.01	24,24,24,24	0
32	MG	A	4282	1/1	1.00	0.02	25,25,25,25	0
32	MG	a	4160	1/1	1.00	0.02	10,10,10,10	0
32	MG	A	3093	1/1	1.00	0.01	41,41,41,41	0
32	MG	A	3094	1/1	1.00	0.01	3,3,3,3	0
32	MG	A	3095	1/1	1.00	0.01	27,27,27,27	0
32	MG	A	3096	1/1	1.00	0.02	25,25,25,25	0
32	MG	a	4165	1/1	1.00	0.03	6,6,6,6	0
32	MG	A	4287	1/1	1.00	0.07	33,33,33,33	0
32	MG	A	4288	1/1	1.00	0.03	29,29,29,29	0
32	MG	A	3097	1/1	1.00	0.02	59,59,59,59	0
32	MG	A	3098	1/1	1.00	0.02	37,37,37,37	0
32	MG	A	3099	1/1	1.00	0.02	15,15,15,15	0
32	MG	A	3640	1/1	1.00	0.02	17,17,17,17	0
32	MG	a	4172	1/1	1.00	0.02	4,4,4,4	0
32	MG	a	4173	1/1	1.00	0.02	40,40,40,40	0
32	MG	A	3100	1/1	1.00	0.02	26,26,26,26	0
32	MG	A	3642	1/1	1.00	0.03	80,80,80,80	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3101	1/1	1.00	0.02	42,42,42,42	0
32	MG	A	3102	1/1	1.00	0.03	42,42,42,42	0
32	MG	A	3103	1/1	1.00	0.02	54,54,54,54	0
32	MG	A	3646	1/1	1.00	0.04	22,22,22,22	0
32	MG	A	3104	1/1	1.00	0.02	79,79,79,79	0
32	MG	a	4181	1/1	1.00	0.03	2,2,2,2	0
32	MG	A	3105	1/1	1.00	0.00	20,20,20,20	0
32	MG	A	3649	1/1	1.00	0.02	0,0,0,0	0
32	MG	a	4184	1/1	1.00	0.01	0,0,0,0	0
32	MG	A	3650	1/1	1.00	0.01	36,36,36,36	0
32	MG	A	4303	1/1	1.00	0.02	31,31,31,31	0
32	MG	A	3651	1/1	1.00	0.02	15,15,15,15	0
32	MG	A	3106	1/1	1.00	0.06	38,38,38,38	0
32	MG	a	4189	1/1	1.00	0.02	0,0,0,0	0
32	MG	A	3107	1/1	1.00	0.01	40,40,40,40	0
32	MG	A	4307	1/1	1.00	0.02	31,31,31,31	0
32	MG	A	3108	1/1	1.00	0.03	45,45,45,45	0
32	MG	A	3655	1/1	1.00	0.02	4,4,4,4	0
32	MG	a	4194	1/1	1.00	0.03	48,48,48,48	0
32	MG	A	3109	1/1	1.00	0.02	15,15,15,15	0
32	MG	A	3657	1/1	1.00	0.05	8,8,8,8	0
32	MG	A	4312	1/1	1.00	0.03	27,27,27,27	0
32	MG	A	3658	1/1	1.00	0.03	95,95,95,95	0
32	MG	A	3659	1/1	1.00	0.03	95,95,95,95	0
32	MG	a	4200	1/1	1.00	0.01	8,8,8,8	0
32	MG	A	3110	1/1	1.00	0.01	30,30,30,30	0
32	MG	a	4202	1/1	1.00	0.04	16,16,16,16	0
32	MG	A	3111	1/1	1.00	0.03	49,49,49,49	0
32	MG	A	3112	1/1	1.00	0.02	50,50,50,50	0
32	MG	A	3113	1/1	1.00	0.01	33,33,33,33	0
32	MG	A	3114	1/1	1.00	0.01	29,29,29,29	0
32	MG	A	4320	1/1	1.00	0.01	26,26,26,26	0
32	MG	A	3115	1/1	1.00	0.01	53,53,53,53	0
32	MG	a	4209	1/1	1.00	0.01	0,0,0,0	0
32	MG	a	4210	1/1	1.00	0.03	25,25,25,25	0
32	MG	A	4322	1/1	1.00	0.03	28,28,28,28	0
32	MG	a	4212	1/1	1.00	0.01	19,19,19,19	0
32	MG	a	4213	1/1	1.00	0.03	10,10,10,10	0
32	MG	A	3116	1/1	1.00	0.03	28,28,28,28	0
32	MG	A	3667	1/1	1.00	0.03	12,12,12,12	0
32	MG	A	3117	1/1	1.00	0.04	33,33,33,33	0
32	MG	A	3118	1/1	1.00	0.03	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3119	1/1	1.00	0.02	27,27,27,27	0
32	MG	A	3120	1/1	1.00	0.01	49,49,49,49	0
32	MG	a	4220	1/1	1.00	0.02	7,7,7,7	0
32	MG	A	3121	1/1	1.00	0.01	14,14,14,14	0
32	MG	A	4330	1/1	1.00	0.01	29,29,29,29	0
32	MG	A	3122	1/1	1.00	0.08	21,21,21,21	0
32	MG	A	3674	1/1	1.00	0.06	22,22,22,22	0
32	MG	A	3123	1/1	1.00	0.02	33,33,33,33	0
32	MG	A	3124	1/1	1.00	0.02	11,11,11,11	0
32	MG	A	4335	1/1	1.00	0.03	18,18,18,18	0
32	MG	A	4336	1/1	1.00	0.03	27,27,27,27	0
32	MG	a	4229	1/1	1.00	0.01	1,1,1,1	0
32	MG	A	3125	1/1	1.00	0.01	33,33,33,33	0
32	MG	A	3678	1/1	1.00	0.03	1,1,1,1	0
32	MG	A	4339	1/1	1.00	0.01	26,26,26,26	0
32	MG	A	3126	1/1	1.00	0.02	44,44,44,44	0
32	MG	A	3680	1/1	1.00	0.02	27,27,27,27	0
32	MG	A	3127	1/1	1.00	0.02	35,35,35,35	0
32	MG	A	3128	1/1	1.00	0.01	49,49,49,49	0
32	MG	A	3129	1/1	1.00	0.02	29,29,29,29	0
32	MG	A	3130	1/1	1.00	0.02	121,121,121,121	0
32	MG	a	4239	1/1	1.00	0.04	38,38,38,38	0
32	MG	a	4240	1/1	1.00	0.05	1,1,1,1	0
32	MG	A	3131	1/1	1.00	0.01	33,33,33,33	0
32	MG	A	3132	1/1	1.00	0.01	50,50,50,50	0
32	MG	A	3133	1/1	1.00	0.00	10,10,10,10	0
32	MG	A	3134	1/1	1.00	0.01	28,28,28,28	0
32	MG	A	3135	1/1	1.00	0.03	43,43,43,43	0
32	MG	A	3136	1/1	1.00	0.03	24,24,24,24	0
32	MG	A	3137	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	4248	1/1	1.00	0.01	1,1,1,1	0
32	MG	a	4249	1/1	1.00	0.03	95,95,95,95	0
32	MG	A	3692	1/1	1.00	0.05	95,95,95,95	0
32	MG	A	3138	1/1	1.00	0.02	71,71,71,71	0
32	MG	A	3139	1/1	1.00	0.01	45,45,45,45	0
32	MG	A	3140	1/1	1.00	0.03	15,15,15,15	0
32	MG	A	3141	1/1	1.00	0.01	71,71,71,71	0
32	MG	A	3142	1/1	1.00	0.04	26,26,26,26	0
32	MG	a	4256	1/1	1.00	0.02	6,6,6,6	0
32	MG	A	3143	1/1	1.00	0.02	49,49,49,49	0
32	MG	A	3144	1/1	1.00	0.04	62,62,62,62	0
32	MG	A	3700	1/1	1.00	0.02	12,12,12,12	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	3145	1/1	1.00	0.04	28,28,28,28	0
32	MG	A	3146	1/1	1.00	0.01	20,20,20,20	0
32	MG	A	4364	1/1	1.00	0.01	23,23,23,23	0
32	MG	a	4263	1/1	1.00	0.01	21,21,21,21	0
32	MG	A	3147	1/1	1.00	0.01	30,30,30,30	0
32	MG	A	3148	1/1	1.00	0.01	35,35,35,35	0
32	MG	A	3149	1/1	1.00	0.01	23,23,23,23	0
32	MG	A	3150	1/1	1.00	0.03	38,38,38,38	0
32	MG	A	4369	1/1	1.00	0.01	25,25,25,25	0
32	MG	A	4370	1/1	1.00	0.01	23,23,23,23	0
32	MG	A	3707	1/1	1.00	0.02	5,5,5,5	0
32	MG	a	4271	1/1	1.00	0.01	22,22,22,22	0
32	MG	A	3151	1/1	1.00	0.02	42,42,42,42	0
32	MG	A	3011	1/1	1.00	0.02	34,34,34,34	0
32	MG	A	3153	1/1	1.00	0.01	21,21,21,21	0
32	MG	A	3711	1/1	1.00	0.05	16,16,16,16	0
32	MG	A	3712	1/1	1.00	0.04	7,7,7,7	0
32	MG	A	3154	1/1	1.00	0.01	37,37,37,37	0
32	MG	A	3155	1/1	1.00	0.02	34,34,34,34	0
32	MG	a	4279	1/1	1.00	0.02	22,22,22,22	0
32	MG	A	3715	1/1	1.00	0.02	14,14,14,14	0
32	MG	A	3716	1/1	1.00	0.02	30,30,30,30	0
32	MG	A	3156	1/1	1.00	0.02	36,36,36,36	0
32	MG	A	3157	1/1	1.00	0.03	53,53,53,53	0
32	MG	B	201	1/1	1.00	0.04	51,51,51,51	0
32	MG	B	202	1/1	1.00	0.01	37,37,37,37	0
32	MG	B	203	1/1	1.00	0.02	49,49,49,49	0
32	MG	B	204	1/1	1.00	0.01	48,48,48,48	0
32	MG	B	205	1/1	1.00	0.01	54,54,54,54	0
32	MG	B	206	1/1	1.00	0.03	44,44,44,44	0
32	MG	B	207	1/1	1.00	0.01	62,62,62,62	0
32	MG	B	208	1/1	1.00	0.06	74,74,74,74	0
32	MG	a	4292	1/1	1.00	0.01	33,33,33,33	0
32	MG	B	209	1/1	1.00	0.02	61,61,61,61	0
32	MG	B	210	1/1	1.00	0.03	65,65,65,65	0
32	MG	A	3719	1/1	1.00	0.02	30,30,30,30	0
32	MG	A	3158	1/1	1.00	0.02	49,49,49,49	0
32	MG	B	213	1/1	1.00	0.04	75,75,75,75	0
32	MG	B	214	1/1	1.00	0.01	63,63,63,63	0
32	MG	B	215	1/1	1.00	0.01	78,78,78,78	0
32	MG	B	216	1/1	1.00	0.02	66,66,66,66	0
32	MG	B	217	1/1	1.00	0.02	56,56,56,56	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	B	218	1/1	1.00	0.02	86,86,86,86	0
32	MG	B	219	1/1	1.00	0.01	66,66,66,66	0
32	MG	a	4304	1/1	1.00	0.04	22,22,22,22	0
32	MG	B	220	1/1	1.00	0.04	73,73,73,73	0
32	MG	A	3159	1/1	1.00	0.02	38,38,38,38	0
32	MG	B	222	1/1	1.00	0.02	41,41,41,41	0
32	MG	a	4308	1/1	1.00	0.01	32,32,32,32	0
32	MG	A	3160	1/1	1.00	0.04	42,42,42,42	0
32	MG	A	3161	1/1	1.00	0.01	25,25,25,25	0
32	MG	A	3724	1/1	1.00	0.05	19,19,19,19	0
32	MG	A	3012	1/1	1.00	0.02	22,22,22,22	0
32	MG	A	3163	1/1	1.00	0.02	33,33,33,33	0
32	MG	A	3164	1/1	1.00	0.01	43,43,43,43	0
32	MG	A	3165	1/1	1.00	0.01	20,20,20,20	0
32	MG	A	3166	1/1	1.00	0.03	26,26,26,26	0
32	MG	A	3167	1/1	1.00	0.01	15,15,15,15	0
32	MG	A	3168	1/1	1.00	0.02	24,24,24,24	0
32	MG	A	3169	1/1	1.00	0.04	39,39,39,39	0
32	MG	A	3170	1/1	1.00	0.02	42,42,42,42	0
32	MG	A	3171	1/1	1.00	0.03	41,41,41,41	0
32	MG	a	4322	1/1	1.00	0.05	22,22,22,22	0
32	MG	A	3172	1/1	1.00	0.02	77,77,77,77	0
32	MG	A	3173	1/1	1.00	0.03	25,25,25,25	0
32	MG	C	301	1/1	1.00	0.01	27,27,27,27	0
32	MG	C	302	1/1	1.00	0.01	46,46,46,46	0
32	MG	a	4327	1/1	1.00	0.01	23,23,23,23	0
32	MG	a	4328	1/1	1.00	0.01	28,28,28,28	0
32	MG	C	303	1/1	1.00	0.01	26,26,26,26	0
32	MG	C	304	1/1	1.00	0.02	29,29,29,29	0
32	MG	a	4331	1/1	1.00	0.01	25,25,25,25	0
32	MG	a	4332	1/1	1.00	0.01	27,27,27,27	0
32	MG	C	305	1/1	1.00	0.01	19,19,19,19	0
32	MG	C	306	1/1	1.00	0.01	45,45,45,45	0
32	MG	C	307	1/1	1.00	0.04	39,39,39,39	0
32	MG	C	308	1/1	1.00	0.04	36,36,36,36	0
32	MG	C	309	1/1	1.00	0.03	51,51,51,51	0
32	MG	C	310	1/1	1.00	0.03	59,59,59,59	0
32	MG	C	311	1/1	1.00	0.01	46,46,46,46	0
32	MG	C	312	1/1	1.00	0.04	59,59,59,59	0
32	MG	C	313	1/1	1.00	0.01	66,66,66,66	0
32	MG	a	4342	1/1	1.00	0.04	24,24,24,24	0
32	MG	a	4343	1/1	1.00	0.02	13,13,13,13	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	C	314	1/1	1.00	0.02	76,76,76,76	0
32	MG	a	4345	1/1	1.00	0.01	22,22,22,22	0
32	MG	C	315	1/1	1.00	0.07	78,78,78,78	0
32	MG	A	3174	1/1	1.00	0.03	26,26,26,26	0
32	MG	A	3175	1/1	1.00	0.02	37,37,37,37	0
32	MG	A	3176	1/1	1.00	0.01	30,30,30,30	0
32	MG	A	3177	1/1	1.00	0.01	32,32,32,32	0
32	MG	A	3741	1/1	1.00	0.02	56,56,56,56	0
32	MG	C	321	1/1	1.00	0.03	16,16,16,16	0
32	MG	A	3178	1/1	1.00	0.02	29,29,29,29	0
32	MG	A	3179	1/1	1.00	0.02	21,21,21,21	0
32	MG	A	3013	1/1	1.00	0.01	15,15,15,15	0
32	MG	A	3181	1/1	1.00	0.02	38,38,38,38	0
32	MG	A	3182	1/1	1.00	0.02	28,28,28,28	0
32	MG	a	4358	1/1	1.00	0.01	23,23,23,23	0
32	MG	A	3183	1/1	1.00	0.01	56,56,56,56	0
32	MG	A	3184	1/1	1.00	0.02	124,124,124,124	0
32	MG	a	4361	1/1	1.00	0.01	17,17,17,17	0
32	MG	A	3185	1/1	1.00	0.01	109,109,109,109	0
32	MG	a	4363	1/1	1.00	0.01	28,28,28,28	0
32	MG	C	330	1/1	1.00	0.04	28,28,28,28	0
32	MG	C	331	1/1	1.00	0.02	29,29,29,29	0
32	MG	A	3186	1/1	1.00	0.02	51,51,51,51	0
32	MG	A	3187	1/1	1.00	0.01	36,36,36,36	0
32	MG	A	3188	1/1	1.00	0.01	28,28,28,28	0
32	MG	A	3189	1/1	1.00	0.01	31,31,31,31	0
32	MG	A	3190	1/1	1.00	0.02	34,34,34,34	0
32	MG	A	3191	1/1	1.00	0.03	40,40,40,40	0
32	MG	A	3192	1/1	1.00	0.02	97,97,97,97	0
32	MG	A	3193	1/1	1.00	0.01	73,73,73,73	0
32	MG	C	340	1/1	1.00	0.01	23,23,23,23	0
32	MG	A	3194	1/1	1.00	0.02	33,33,33,33	0
32	MG	A	3195	1/1	1.00	0.01	56,56,56,56	0
32	MG	C	343	1/1	1.00	0.01	29,29,29,29	0
32	MG	A	3760	1/1	1.00	0.01	14,14,14,14	0
32	MG	D	301	1/1	1.00	0.01	48,48,48,48	0
32	MG	D	302	1/1	1.00	0.01	34,34,34,34	0
32	MG	D	303	1/1	1.00	0.02	39,39,39,39	0
32	MG	D	304	1/1	1.00	0.01	60,60,60,60	0
32	MG	D	305	1/1	1.00	0.02	50,50,50,50	0
32	MG	a	4384	1/1	1.00	0.03	26,26,26,26	0
32	MG	a	4385	1/1	1.00	0.01	19,19,19,19	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3196	1/1	1.00	0.05	27,27,27,27	0
32	MG	A	3197	1/1	1.00	0.03	23,23,23,23	0
32	MG	D	308	1/1	1.00	0.03	31,31,31,31	0
32	MG	E	301	1/1	1.00	0.03	37,37,37,37	0
32	MG	a	4390	1/1	1.00	0.02	24,24,24,24	0
32	MG	E	302	1/1	1.00	0.01	15,15,15,15	0
32	MG	E	303	1/1	1.00	0.02	89,89,89,89	0
32	MG	E	304	1/1	1.00	0.01	73,73,73,73	0
32	MG	E	305	1/1	1.00	0.02	86,86,86,86	0
32	MG	E	306	1/1	1.00	0.02	67,67,67,67	0
32	MG	E	307	1/1	1.00	0.02	57,57,57,57	0
32	MG	E	308	1/1	1.00	0.02	77,77,77,77	0
32	MG	E	309	1/1	1.00	0.02	58,58,58,58	0
32	MG	a	4399	1/1	1.00	0.01	23,23,23,23	0
32	MG	E	310	1/1	1.00	0.04	62,62,62,62	0
32	MG	A	3014	1/1	1.00	0.02	18,18,18,18	0
32	MG	A	3764	1/1	1.00	0.02	16,16,16,16	0
32	MG	A	3199	1/1	1.00	0.01	26,26,26,26	0
32	MG	A	3200	1/1	1.00	0.01	25,25,25,25	0
32	MG	E	315	1/1	1.00	0.01	11,11,11,11	0
32	MG	A	3201	1/1	1.00	0.01	63,63,63,63	0
32	MG	E	317	1/1	1.00	0.01	95,95,95,95	0
32	MG	A	3202	1/1	1.00	0.01	15,15,15,15	0
32	MG	A	3203	1/1	1.00	0.02	28,28,28,28	0
32	MG	a	4410	1/1	1.00	0.03	30,30,30,30	0
32	MG	a	4411	1/1	1.00	0.01	33,33,33,33	0
32	MG	A	3204	1/1	1.00	0.01	36,36,36,36	0
32	MG	A	3205	1/1	1.00	0.02	41,41,41,41	0
32	MG	A	3206	1/1	1.00	0.02	24,24,24,24	0
32	MG	A	3207	1/1	1.00	0.02	36,36,36,36	0
32	MG	A	3774	1/1	1.00	0.01	22,22,22,22	0
32	MG	A	3001	1/1	1.00	0.02	25,25,25,25	0
32	MG	A	3209	1/1	1.00	0.01	38,38,38,38	0
32	MG	A	3210	1/1	1.00	0.03	32,32,32,32	0
32	MG	A	3211	1/1	1.00	0.03	39,39,39,39	0
32	MG	A	3212	1/1	1.00	0.02	20,20,20,20	0
32	MG	A	3213	1/1	1.00	0.02	42,42,42,42	0
32	MG	a	4423	1/1	1.00	0.02	24,24,24,24	0
32	MG	F	201	1/1	1.00	0.02	76,76,76,76	0
32	MG	a	4425	1/1	1.00	0.02	27,27,27,27	0
32	MG	F	202	1/1	1.00	0.01	71,71,71,71	0
32	MG	F	203	1/1	1.00	0.02	57,57,57,57	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3214	1/1	1.00	0.01	26,26,26,26	0
32	MG	A	3782	1/1	1.00	0.02	54,54,54,54	0
32	MG	A	3215	1/1	1.00	0.01	17,17,17,17	0
32	MG	A	3784	1/1	1.00	0.03	95,95,95,95	0
32	MG	a	4432	1/1	1.00	0.01	26,26,26,26	0
32	MG	a	4433	1/1	1.00	0.01	28,28,28,28	0
32	MG	A	3216	1/1	1.00	0.02	56,56,56,56	0
32	MG	H	203	1/1	1.00	0.01	33,33,33,33	0
32	MG	H	204	1/1	1.00	0.01	29,29,29,29	0
32	MG	a	4437	1/1	1.00	0.02	31,31,31,31	0
32	MG	A	3217	1/1	1.00	0.04	23,23,23,23	0
32	MG	a	4439	1/1	1.00	0.02	29,29,29,29	0
32	MG	a	4440	1/1	1.00	0.03	23,23,23,23	0
32	MG	A	3218	1/1	1.00	0.01	23,23,23,23	0
32	MG	a	4442	1/1	1.00	0.03	30,30,30,30	0
32	MG	A	3219	1/1	1.00	0.03	42,42,42,42	0
32	MG	A	3220	1/1	1.00	0.01	34,34,34,34	0
32	MG	I	201	1/1	1.00	0.03	56,56,56,56	0
32	MG	a	4446	1/1	1.00	0.03	31,31,31,31	0
32	MG	I	202	1/1	1.00	0.01	37,37,37,37	0
32	MG	I	203	1/1	1.00	0.03	54,54,54,54	0
32	MG	I	204	1/1	1.00	0.01	32,32,32,32	0
32	MG	I	205	1/1	1.00	0.02	75,75,75,75	0
32	MG	I	206	1/1	1.00	0.03	60,60,60,60	0
32	MG	I	207	1/1	1.00	0.04	71,71,71,71	0
32	MG	I	208	1/1	1.00	0.04	49,49,49,49	0
32	MG	A	3221	1/1	1.00	0.03	40,40,40,40	0
32	MG	A	3222	1/1	1.00	0.03	40,40,40,40	0
32	MG	A	3223	1/1	1.00	0.02	52,52,52,52	0
32	MG	a	4457	1/1	1.00	0.02	14,14,14,14	0
32	MG	I	212	1/1	1.00	0.01	0,0,0,0	0
32	MG	A	3224	1/1	1.00	0.01	39,39,39,39	0
32	MG	J	202	1/1	1.00	0.01	51,51,51,51	0
32	MG	A	3225	1/1	1.00	0.04	58,58,58,58	0
32	MG	A	3226	1/1	1.00	0.03	53,53,53,53	0
32	MG	A	3227	1/1	1.00	0.01	51,51,51,51	0
32	MG	A	3797	1/1	1.00	0.02	22,22,22,22	0
32	MG	A	3228	1/1	1.00	0.01	65,65,65,65	0
32	MG	a	4466	1/1	1.00	0.03	35,35,35,35	0
32	MG	A	3799	1/1	1.00	0.01	1,1,1,1	0
32	MG	A	3229	1/1	1.00	0.01	46,46,46,46	0
32	MG	K	201	1/1	1.00	0.01	6,6,6,6	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	K	202	1/1	1.00	0.03	21,21,21,21	0
32	MG	a	4471	1/1	1.00	0.01	27,27,27,27	0
32	MG	a	4472	1/1	1.00	0.02	25,25,25,25	0
32	MG	a	4473	1/1	1.00	0.02	24,24,24,24	0
32	MG	K	203	1/1	1.00	0.01	0,0,0,0	0
32	MG	K	204	1/1	1.00	0.01	46,46,46,46	0
32	MG	K	205	1/1	1.00	0.02	84,84,84,84	0
32	MG	K	206	1/1	1.00	0.01	48,48,48,48	0
32	MG	A	3230	1/1	1.00	0.03	42,42,42,42	0
32	MG	a	4479	1/1	1.00	0.02	28,28,28,28	0
32	MG	A	3802	1/1	1.00	0.02	27,27,27,27	0
32	MG	A	3016	1/1	1.00	0.02	58,58,58,58	0
32	MG	A	3804	1/1	1.00	0.02	62,62,62,62	0
32	MG	A	3232	1/1	1.00	0.07	59,59,59,59	0
32	MG	K	212	1/1	1.00	0.01	7,7,7,7	0
32	MG	A	3233	1/1	1.00	0.02	43,43,43,43	0
32	MG	A	3017	1/1	1.00	0.03	34,34,34,34	0
32	MG	A	3235	1/1	1.00	0.05	35,35,35,35	0
32	MG	K	216	1/1	1.00	0.08	27,27,27,27	0
32	MG	A	3236	1/1	1.00	0.01	36,36,36,36	0
32	MG	K	218	1/1	1.00	0.02	23,23,23,23	0
32	MG	A	3237	1/1	1.00	0.02	85,85,85,85	0
32	MG	A	3018	1/1	1.00	0.01	60,60,60,60	0
32	MG	A	3239	1/1	1.00	0.02	53,53,53,53	0
32	MG	A	3240	1/1	1.00	0.03	103,103,103,103	0
32	MG	L	201	1/1	1.00	0.01	16,16,16,16	0
32	MG	L	202	1/1	1.00	0.01	35,35,35,35	0
32	MG	L	203	1/1	1.00	0.01	26,26,26,26	0
32	MG	L	204	1/1	1.00	0.03	53,53,53,53	0
32	MG	A	3241	1/1	1.00	0.02	44,44,44,44	0
32	MG	L	206	1/1	1.00	0.04	95,95,95,95	0
32	MG	a	4501	1/1	1.00	0.07	31,31,31,31	0
32	MG	a	4502	1/1	1.00	0.02	28,28,28,28	0
32	MG	A	3242	1/1	1.00	0.02	61,61,61,61	0
32	MG	L	208	1/1	1.00	0.02	31,31,31,31	0
32	MG	A	3243	1/1	1.00	0.06	55,55,55,55	0
32	MG	a	4506	1/1	1.00	0.01	22,22,22,22	0
32	MG	M	201	1/1	1.00	0.01	41,41,41,41	0
32	MG	M	202	1/1	1.00	0.02	71,71,71,71	0
32	MG	A	3244	1/1	1.00	0.05	59,59,59,59	0
32	MG	A	3245	1/1	1.00	0.03	60,60,60,60	0
32	MG	O	201	1/1	1.00	0.02	63,63,63,63	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	4512	1/1	1.00	0.02	23,23,23,23	0
32	MG	O	202	1/1	1.00	0.02	59,59,59,59	0
32	MG	A	3019	1/1	1.00	0.02	24,24,24,24	0
32	MG	A	3020	1/1	1.00	0.01	36,36,36,36	0
32	MG	A	3248	1/1	1.00	0.03	32,32,32,32	0
32	MG	O	206	1/1	1.00	0.02	3,3,3,3	0
32	MG	O	207	1/1	1.00	0.02	2,2,2,2	0
32	MG	A	3249	1/1	1.00	0.02	52,52,52,52	0
32	MG	A	3250	1/1	1.00	0.03	65,65,65,65	0
32	MG	O	210	1/1	1.00	0.01	20,20,20,20	0
32	MG	P	201	1/1	1.00	0.02	36,36,36,36	0
32	MG	P	202	1/1	1.00	0.03	54,54,54,54	0
32	MG	P	203	1/1	1.00	0.03	67,67,67,67	0
32	MG	A	3251	1/1	1.00	0.03	46,46,46,46	0
32	MG	A	3252	1/1	1.00	0.02	76,76,76,76	0
32	MG	a	4527	1/1	1.00	0.01	23,23,23,23	0
32	MG	A	3253	1/1	1.00	0.05	55,55,55,55	0
32	MG	A	3254	1/1	1.00	0.03	56,56,56,56	0
32	MG	A	3255	1/1	1.00	0.03	60,60,60,60	0
32	MG	A	3256	1/1	1.00	0.03	53,53,53,53	0
32	MG	a	4532	1/1	1.00	0.03	27,27,27,27	0
32	MG	A	3257	1/1	1.00	0.04	52,52,52,52	0
32	MG	A	3258	1/1	1.00	0.03	58,58,58,58	0
32	MG	A	3259	1/1	1.00	0.03	48,48,48,48	0
32	MG	Q	206	1/1	1.00	0.01	31,31,31,31	0
32	MG	A	3260	1/1	1.00	0.03	62,62,62,62	0
32	MG	a	4538	1/1	1.00	0.04	27,27,27,27	0
32	MG	A	3261	1/1	1.00	0.04	67,67,67,67	0
32	MG	a	4540	1/1	1.00	0.02	29,29,29,29	0
32	MG	A	3262	1/1	1.00	0.03	53,53,53,53	0
32	MG	a	4542	1/1	1.00	0.02	24,24,24,24	0
32	MG	a	4543	1/1	1.00	0.03	17,17,17,17	0
32	MG	a	4544	1/1	1.00	0.02	27,27,27,27	0
32	MG	A	3263	1/1	1.00	0.03	22,22,22,22	0
32	MG	R	201	1/1	1.00	0.02	68,68,68,68	0
32	MG	R	202	1/1	1.00	0.01	59,59,59,59	0
32	MG	R	203	1/1	1.00	0.02	63,63,63,63	0
32	MG	R	204	1/1	1.00	0.02	71,71,71,71	0
32	MG	R	205	1/1	1.00	0.01	69,69,69,69	0
32	MG	A	3021	1/1	1.00	0.03	43,43,43,43	0
32	MG	A	3265	1/1	1.00	0.04	48,48,48,48	0
32	MG	A	3839	1/1	1.00	0.03	32,32,32,32	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	A	3266	1/1	1.00	0.04	47,47,47,47	0
32	MG	A	3267	1/1	1.00	0.04	89,89,89,89	0
32	MG	a	4556	1/1	1.00	0.02	23,23,23,23	0
32	MG	A	3268	1/1	1.00	0.05	84,84,84,84	0
32	MG	A	3843	1/1	1.00	0.03	95,95,95,95	0
32	MG	a	4559	1/1	1.00	0.04	30,30,30,30	0
32	MG	A	3269	1/1	1.00	0.02	54,54,54,54	0
32	MG	A	3270	1/1	1.00	0.03	78,78,78,78	0
32	MG	a	4562	1/1	1.00	0.01	28,28,28,28	0
32	MG	A	3271	1/1	1.00	0.01	35,35,35,35	0
32	MG	R	216	1/1	1.00	0.01	28,28,28,28	0
32	MG	R	217	1/1	1.00	0.01	24,24,24,24	0
32	MG	A	3272	1/1	1.00	0.02	49,49,49,49	0
32	MG	A	3022	1/1	1.00	0.02	66,66,66,66	0
32	MG	a	4568	1/1	1.00	0.02	28,28,28,28	0
32	MG	a	4569	1/1	1.00	0.02	32,32,32,32	0
32	MG	S	101	1/1	1.00	0.02	27,27,27,27	0
32	MG	a	4571	1/1	1.00	0.02	30,30,30,30	0
32	MG	a	4572	1/1	1.00	0.02	31,31,31,31	0
32	MG	S	102	1/1	1.00	0.01	27,27,27,27	0
32	MG	S	103	1/1	1.00	0.01	77,77,77,77	0
32	MG	A	3274	1/1	1.00	0.01	36,36,36,36	0
32	MG	S	105	1/1	1.00	0.01	1,1,1,1	0
32	MG	A	3275	1/1	1.00	0.03	82,82,82,82	0
32	MG	S	107	1/1	1.00	0.04	20,20,20,20	0
32	MG	A	3851	1/1	1.00	0.06	95,95,95,95	0
32	MG	A	3276	1/1	1.00	0.03	42,42,42,42	0
32	MG	T	502	1/1	1.00	0.02	60,60,60,60	0
32	MG	T	503	1/1	1.00	0.01	70,70,70,70	0
32	MG	a	4583	1/1	1.00	0.01	20,20,20,20	0
32	MG	a	4584	1/1	1.00	0.01	23,23,23,23	0
32	MG	T	504	1/1	1.00	0.03	69,69,69,69	0
32	MG	T	505	1/1	1.00	0.02	59,59,59,59	0
32	MG	a	4587	1/1	1.00	0.02	28,28,28,28	0
32	MG	A	3277	1/1	1.00	0.02	34,34,34,34	0
32	MG	A	3854	1/1	1.00	0.04	95,95,95,95	0
32	MG	A	3278	1/1	1.00	0.03	40,40,40,40	0
32	MG	a	4591	1/1	1.00	0.02	25,25,25,25	0
32	MG	a	4592	1/1	1.00	0.02	27,27,27,27	0
32	MG	T	509	1/1	1.00	0.01	27,27,27,27	0
32	MG	A	3279	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	4595	1/1	1.00	0.01	26,26,26,26	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	A	3857	1/1	1.00	0.03	5,5,5,5	0
32	MG	T	512	1/1	1.00	0.02	30,30,30,30	0
32	MG	A	3023	1/1	1.00	0.01	74,74,74,74	0
32	MG	A	3024	1/1	1.00	0.02	52,52,52,52	0
32	MG	A	3860	1/1	1.00	0.03	17,17,17,17	0
32	MG	A	3282	1/1	1.00	0.02	37,37,37,37	0
32	MG	A	3283	1/1	1.00	0.05	48,48,48,48	0
32	MG	A	3863	1/1	1.00	0.05	95,95,95,95	0
32	MG	U	301	1/1	1.00	0.01	11,11,11,11	0
32	MG	U	302	1/1	1.00	0.03	48,48,48,48	0
32	MG	a	4606	1/1	1.00	0.03	29,29,29,29	0
32	MG	U	303	1/1	1.00	0.01	65,65,65,65	0
32	MG	U	304	1/1	1.00	0.01	4,4,4,4	0
32	MG	A	3284	1/1	1.00	0.04	45,45,45,45	0
32	MG	a	4610	1/1	1.00	0.02	28,28,28,28	0
32	MG	A	3285	1/1	1.00	0.02	41,41,41,41	0
32	MG	A	3286	1/1	1.00	0.03	55,55,55,55	0
32	MG	A	3287	1/1	1.00	0.02	51,51,51,51	0
32	MG	A	3288	1/1	1.00	0.04	61,61,61,61	0
32	MG	b	201	1/1	1.00	0.02	91,91,91,91	0
32	MG	U	310	1/1	1.00	0.01	27,27,27,27	0
32	MG	b	203	1/1	1.00	0.02	29,29,29,29	0
32	MG	b	204	1/1	1.00	0.01	38,38,38,38	0
32	MG	b	205	1/1	1.00	0.03	83,83,83,83	0
32	MG	b	206	1/1	1.00	0.02	63,63,63,63	0
32	MG	b	207	1/1	1.00	0.03	42,42,42,42	0
32	MG	b	208	1/1	1.00	0.01	44,44,44,44	0
32	MG	b	209	1/1	1.00	0.03	52,52,52,52	0
32	MG	b	210	1/1	1.00	0.04	61,61,61,61	0
32	MG	A	3869	1/1	1.00	0.03	35,35,35,35	0
32	MG	V	101	1/1	1.00	0.02	41,41,41,41	0
32	MG	V	102	1/1	1.00	0.01	42,42,42,42	0
32	MG	V	103	1/1	1.00	0.02	45,45,45,45	0
32	MG	V	104	1/1	1.00	0.03	64,64,64,64	0
32	MG	b	216	1/1	1.00	0.02	28,28,28,28	0
32	MG	A	3289	1/1	1.00	0.02	52,52,52,52	0
32	MG	W	101	1/1	1.00	0.02	26,26,26,26	0
32	MG	W	102	1/1	1.00	0.04	51,51,51,51	0
32	MG	W	103	1/1	1.00	0.01	18,18,18,18	0
32	MG	W	104	1/1	1.00	0.03	9,9,9,9	0
32	MG	c	301	1/1	1.00	0.02	37,37,37,37	0
32	MG	c	302	1/1	1.00	0.04	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	c	303	1/1	1.00	0.01	62,62,62,62	0
32	MG	c	304	1/1	1.00	0.03	61,61,61,61	0
32	MG	c	305	1/1	1.00	0.04	74,74,74,74	0
32	MG	c	306	1/1	1.00	0.04	53,53,53,53	0
32	MG	c	307	1/1	1.00	0.02	70,70,70,70	0
32	MG	c	308	1/1	1.00	0.02	60,60,60,60	0
32	MG	c	309	1/1	1.00	0.05	74,74,74,74	0
32	MG	c	310	1/1	1.00	0.02	88,88,88,88	0
32	MG	c	311	1/1	1.00	0.02	62,62,62,62	0
32	MG	c	312	1/1	1.00	0.02	62,62,62,62	0
32	MG	c	313	1/1	1.00	0.01	65,65,65,65	0
32	MG	W	105	1/1	1.00	0.02	24,24,24,24	0
32	MG	W	106	1/1	1.00	0.02	59,59,59,59	0
32	MG	W	107	1/1	1.00	0.01	75,75,75,75	0
32	MG	W	108	1/1	1.00	0.01	70,70,70,70	0
32	MG	W	109	1/1	1.00	0.01	64,64,64,64	0
32	MG	A	3290	1/1	1.00	0.03	60,60,60,60	0
32	MG	A	3291	1/1	1.00	0.04	28,28,28,28	0
32	MG	A	3873	1/1	1.00	0.03	52,52,52,52	0
32	MG	W	113	1/1	1.00	0.02	0,0,0,0	0
32	MG	A	3292	1/1	1.00	0.02	87,87,87,87	0
32	MG	A	3875	1/1	1.00	0.01	17,17,17,17	0
32	MG	X	101	1/1	1.00	0.03	55,55,55,55	0
32	MG	X	102	1/1	1.00	0.02	57,57,57,57	0
32	MG	X	103	1/1	1.00	0.03	66,66,66,66	0
32	MG	X	104	1/1	1.00	0.02	66,66,66,66	0
32	MG	X	105	1/1	1.00	0.02	95,95,95,95	0
32	MG	A	3293	1/1	1.00	0.01	43,43,43,43	0
32	MG	A	3025	1/1	1.00	0.01	18,18,18,18	0
32	MG	A	3878	1/1	1.00	0.02	20,20,20,20	0
32	MG	A	3879	1/1	1.00	0.05	95,95,95,95	0
32	MG	d	301	1/1	1.00	0.01	31,31,31,31	0
32	MG	d	302	1/1	1.00	0.03	54,54,54,54	0
32	MG	d	303	1/1	1.00	0.02	70,70,70,70	0
32	MG	d	304	1/1	1.00	0.02	53,53,53,53	0
32	MG	d	305	1/1	1.00	0.01	49,49,49,49	0
32	MG	d	306	1/1	1.00	0.02	64,64,64,64	0
32	MG	d	307	1/1	1.00	0.01	67,67,67,67	0
32	MG	d	308	1/1	1.00	0.01	55,55,55,55	0
32	MG	d	309	1/1	1.00	0.01	57,57,57,57	0
32	MG	d	310	1/1	1.00	0.02	53,53,53,53	0
32	MG	d	311	1/1	1.00	0.04	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	d	312	1/1	1.00	0.01	75,75,75,75	0
32	MG	d	313	1/1	1.00	0.03	81,81,81,81	0
32	MG	d	314	1/1	1.00	0.03	79,79,79,79	0
32	MG	d	315	1/1	1.00	0.04	12,12,12,12	0
32	MG	X	110	1/1	1.00	0.03	95,95,95,95	0
32	MG	A	3295	1/1	1.00	0.03	55,55,55,55	0
32	MG	d	318	1/1	1.00	0.02	40,40,40,40	0
32	MG	A	3296	1/1	1.00	0.04	66,66,66,66	0
32	MG	A	3297	1/1	1.00	0.02	33,33,33,33	0
32	MG	d	321	1/1	1.00	0.04	39,39,39,39	0
32	MG	d	322	1/1	1.00	0.03	26,26,26,26	0
32	MG	A	3883	1/1	1.00	0.03	18,18,18,18	0
32	MG	A	3298	1/1	1.00	0.03	80,80,80,80	0
32	MG	X	116	1/1	1.00	0.02	24,24,24,24	0
32	MG	e	301	1/1	1.00	0.01	51,51,51,51	0
32	MG	e	302	1/1	1.00	0.03	49,49,49,49	0
32	MG	e	303	1/1	1.00	0.03	53,53,53,53	0
32	MG	e	304	1/1	1.00	0.02	49,49,49,49	0
32	MG	e	305	1/1	1.00	0.01	49,49,49,49	0
32	MG	e	306	1/1	1.00	0.01	53,53,53,53	0
32	MG	e	307	1/1	1.00	0.02	49,49,49,49	0
32	MG	e	308	1/1	1.00	0.01	54,54,54,54	0
32	MG	e	309	1/1	1.00	0.02	67,67,67,67	0
32	MG	e	310	1/1	1.00	0.03	78,78,78,78	0
32	MG	A	3299	1/1	1.00	0.01	36,36,36,36	0
32	MG	A	3300	1/1	1.00	0.03	49,49,49,49	0
32	MG	e	313	1/1	1.00	0.02	1,1,1,1	0
32	MG	0	102	1/1	1.00	0.02	5,5,5,5	0
32	MG	A	3026	1/1	1.00	0.04	35,35,35,35	0
32	MG	A	3302	1/1	1.00	0.01	44,44,44,44	0
32	MG	A	3303	1/1	1.00	0.01	84,84,84,84	0
32	MG	e	318	1/1	1.00	0.01	95,95,95,95	0
32	MG	A	3304	1/1	1.00	0.02	61,61,61,61	0
32	MG	A	3027	1/1	1.00	0.02	49,49,49,49	0
32	MG	13	101	1/1	1.00	0.02	77,77,77,77	0
32	MG	13	102	1/1	1.00	0.01	60,60,60,60	0
32	MG	2	101	1/1	1.00	0.01	26,26,26,26	0
32	MG	e	324	1/1	1.00	0.02	25,25,25,25	0
32	MG	2	102	1/1	1.00	0.02	26,26,26,26	0
32	MG	e	326	1/1	1.00	0.01	30,30,30,30	0
32	MG	A	3306	1/1	1.00	0.05	34,34,34,34	0
32	MG	e	328	1/1	1.00	0.06	25,25,25,25	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	2	104	1/1	1.00	0.03	67,67,67,67	0
32	MG	2	105	1/1	1.00	0.02	63,63,63,63	0
32	MG	e	331	1/1	1.00	0.02	26,26,26,26	0
32	MG	A	3307	1/1	1.00	0.04	44,44,44,44	0
32	MG	A	3308	1/1	1.00	0.03	65,65,65,65	0
32	MG	A	3309	1/1	1.00	0.02	61,61,61,61	0
32	MG	A	3310	1/1	1.00	0.02	54,54,54,54	0
32	MG	A	3311	1/1	1.00	0.02	43,43,43,43	0
32	MG	A	3312	1/1	1.00	0.03	49,49,49,49	0
32	MG	f	201	1/1	1.00	0.01	31,31,31,31	0
32	MG	f	202	1/1	1.00	0.02	73,73,73,73	0
32	MG	f	203	1/1	1.00	0.02	79,79,79,79	0
32	MG	3	101	1/1	1.00	0.01	20,20,20,20	0
32	MG	g	201	1/1	1.00	0.01	32,32,32,32	0
32	MG	g	202	1/1	1.00	0.03	35,35,35,35	0
32	MG	3	102	1/1	1.00	0.04	31,31,31,31	0
32	MG	a	3001	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	3002	1/1	1.00	0.03	28,28,28,28	0
32	MG	a	3003	1/1	1.00	0.03	63,63,63,63	0
32	MG	a	3004	1/1	1.00	0.01	20,20,20,20	0
32	MG	a	3005	1/1	1.00	0.02	15,15,15,15	0
32	MG	A	3313	1/1	1.00	0.01	78,78,78,78	0
32	MG	h	201	1/1	1.00	0.02	53,53,53,53	0
32	MG	h	202	1/1	1.00	0.03	53,53,53,53	0
32	MG	h	203	1/1	1.00	0.03	53,53,53,53	0
32	MG	a	3007	1/1	1.00	0.03	35,35,35,35	0
32	MG	a	3008	1/1	1.00	0.02	16,16,16,16	0
32	MG	h	206	1/1	1.00	0.03	9,9,9,9	0
32	MG	a	3009	1/1	1.00	0.01	26,26,26,26	0
32	MG	h	208	1/1	1.00	0.02	0,0,0,0	0
32	MG	a	3010	1/1	1.00	0.03	34,34,34,34	0
32	MG	a	3011	1/1	1.00	0.01	33,33,33,33	0
32	MG	a	3012	1/1	1.00	0.03	28,28,28,28	0
32	MG	a	3013	1/1	1.00	0.01	11,11,11,11	0
32	MG	a	3014	1/1	1.00	0.02	46,46,46,46	0
32	MG	a	3015	1/1	1.00	0.01	40,40,40,40	0
32	MG	a	3016	1/1	1.00	0.03	29,29,29,29	0
32	MG	a	3017	1/1	1.00	0.03	14,14,14,14	0
32	MG	h	217	1/1	1.00	0.03	26,26,26,26	0
32	MG	a	3018	1/1	1.00	0.01	26,26,26,26	0
32	MG	i	201	1/1	1.00	0.03	76,76,76,76	0
32	MG	i	202	1/1	1.00	0.01	34,34,34,34	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	i	203	1/1	1.00	0.03	68,68,68,68	0
32	MG	i	204	1/1	1.00	0.02	64,64,64,64	0
32	MG	i	205	1/1	1.00	0.02	67,67,67,67	0
32	MG	i	206	1/1	1.00	0.01	65,65,65,65	0
32	MG	a	3019	1/1	1.00	0.03	7,7,7,7	0
32	MG	a	3020	1/1	1.00	0.03	17,17,17,17	0
32	MG	i	209	1/1	1.00	0.03	15,15,15,15	0
32	MG	a	3021	1/1	1.00	0.01	27,27,27,27	0
32	MG	a	3022	1/1	1.00	0.02	61,61,61,61	0
32	MG	a	3023	1/1	1.00	0.02	31,31,31,31	0
32	MG	a	3024	1/1	1.00	0.01	23,23,23,23	0
32	MG	a	3025	1/1	1.00	0.03	61,61,61,61	0
32	MG	i	215	1/1	1.00	0.01	25,25,25,25	0
32	MG	a	3026	1/1	1.00	0.01	16,16,16,16	0
32	MG	A	3314	1/1	1.00	0.04	64,64,64,64	0
32	MG	a	3028	1/1	1.00	0.01	41,41,41,41	0
32	MG	a	3029	1/1	1.00	0.01	19,19,19,19	0
32	MG	a	3030	1/1	1.00	0.02	29,29,29,29	0
32	MG	a	3031	1/1	1.00	0.03	42,42,42,42	0
32	MG	a	3032	1/1	1.00	0.02	50,50,50,50	0
32	MG	a	3033	1/1	1.00	0.01	60,60,60,60	0
32	MG	a	3034	1/1	1.00	0.01	30,30,30,30	0
32	MG	a	3035	1/1	1.00	0.03	42,42,42,42	0
32	MG	a	3036	1/1	1.00	0.04	33,33,33,33	0
32	MG	j	201	1/1	1.00	0.02	45,45,45,45	0
32	MG	j	202	1/1	1.00	0.03	53,53,53,53	0
32	MG	j	203	1/1	1.00	0.03	77,77,77,77	0
32	MG	j	204	1/1	1.00	0.02	54,54,54,54	0
32	MG	j	205	1/1	1.00	0.01	69,69,69,69	0
32	MG	j	206	1/1	1.00	0.03	48,48,48,48	0
32	MG	j	207	1/1	1.00	0.02	60,60,60,60	0
32	MG	j	208	1/1	1.00	0.02	74,74,74,74	0
32	MG	a	3037	1/1	1.00	0.01	41,41,41,41	0
32	MG	j	210	1/1	1.00	0.02	63,63,63,63	0
32	MG	j	211	1/1	1.00	0.02	64,64,64,64	0
32	MG	j	212	1/1	1.00	0.01	65,65,65,65	0
32	MG	a	3038	1/1	1.00	0.02	52,52,52,52	0
32	MG	a	3039	1/1	1.00	0.01	46,46,46,46	0
32	MG	a	3040	1/1	1.00	0.01	61,61,61,61	0
32	MG	a	3041	1/1	1.00	0.02	38,38,38,38	0
32	MG	a	3042	1/1	1.00	0.04	30,30,30,30	0
32	MG	a	3043	1/1	1.00	0.03	47,47,47,47	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	j	219	1/1	1.00	0.01	22,22,22,22	0
32	MG	a	3044	1/1	1.00	0.02	41,41,41,41	0
32	MG	a	3045	1/1	1.00	0.02	33,33,33,33	0
32	MG	k	201	1/1	1.00	0.02	52,52,52,52	0
32	MG	k	202	1/1	1.00	0.01	94,94,94,94	0
32	MG	k	203	1/1	1.00	0.01	55,55,55,55	0
32	MG	k	204	1/1	1.00	0.02	54,54,54,54	0
32	MG	k	205	1/1	1.00	0.03	95,95,95,95	0
32	MG	k	206	1/1	1.00	0.03	8,8,8,8	0
32	MG	a	3046	1/1	1.00	0.02	47,47,47,47	0
32	MG	a	3047	1/1	1.00	0.01	6,6,6,6	0
32	MG	a	3048	1/1	1.00	0.05	24,24,24,24	0
32	MG	a	3049	1/1	1.00	0.03	71,71,71,71	0
32	MG	a	3050	1/1	1.00	0.01	21,21,21,21	0
32	MG	a	3051	1/1	1.00	0.02	22,22,22,22	0
32	MG	A	3315	1/1	1.00	0.01	52,52,52,52	0
32	MG	a	3053	1/1	1.00	0.02	23,23,23,23	0
32	MG	a	3054	1/1	1.00	0.02	41,41,41,41	0
32	MG	k	216	1/1	1.00	0.03	28,28,28,28	0
32	MG	a	3055	1/1	1.00	0.03	39,39,39,39	0
32	MG	a	3056	1/1	1.00	0.03	32,32,32,32	0
32	MG	a	3057	1/1	1.00	0.02	64,64,64,64	0
32	MG	a	3058	1/1	1.00	0.02	64,64,64,64	0
32	MG	l	201	1/1	1.00	0.01	16,16,16,16	0
32	MG	l	202	1/1	1.00	0.01	13,13,13,13	0
32	MG	l	203	1/1	1.00	0.03	49,49,49,49	0
32	MG	l	204	1/1	1.00	0.01	27,27,27,27	0
32	MG	l	205	1/1	1.00	0.02	50,50,50,50	0
32	MG	a	3059	1/1	1.00	0.01	34,34,34,34	0
32	MG	l	207	1/1	1.00	0.02	59,59,59,59	0
32	MG	l	208	1/1	1.00	0.02	56,56,56,56	0
32	MG	l	209	1/1	1.00	0.02	32,32,32,32	0
32	MG	l	210	1/1	1.00	0.04	69,69,69,69	0
32	MG	l	211	1/1	1.00	0.03	61,61,61,61	0
32	MG	a	3060	1/1	1.00	0.01	29,29,29,29	0
32	MG	l	213	1/1	1.00	0.01	12,12,12,12	0
32	MG	a	3061	1/1	1.00	0.01	40,40,40,40	0
32	MG	a	3062	1/1	1.00	0.04	20,20,20,20	0
32	MG	a	3063	1/1	1.00	0.01	31,31,31,31	0
32	MG	a	3064	1/1	1.00	0.02	66,66,66,66	0
32	MG	m	202	1/1	1.00	0.03	65,65,65,65	0
32	MG	m	203	1/1	1.00	0.02	46,46,46,46	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	m	204	1/1	1.00	0.01	75,75,75,75	0
32	MG	m	205	1/1	1.00	0.01	66,66,66,66	0
32	MG	m	206	1/1	1.00	0.04	82,82,82,82	0
32	MG	a	3065	1/1	1.00	0.01	21,21,21,21	0
32	MG	a	3066	1/1	1.00	0.02	40,40,40,40	0
32	MG	a	3067	1/1	1.00	0.01	26,26,26,26	0
32	MG	a	3068	1/1	1.00	0.01	37,37,37,37	0
32	MG	a	3069	1/1	1.00	0.02	67,67,67,67	0
32	MG	m	212	1/1	1.00	0.02	20,20,20,20	0
32	MG	a	3070	1/1	1.00	0.01	38,38,38,38	0
32	MG	a	3071	1/1	1.00	0.02	34,34,34,34	0
32	MG	a	3072	1/1	1.00	0.05	66,66,66,66	0
32	MG	a	3073	1/1	1.00	0.03	22,22,22,22	0
32	MG	a	3074	1/1	1.00	0.01	52,52,52,52	0
32	MG	a	3075	1/1	1.00	0.02	31,31,31,31	0
32	MG	a	3076	1/1	1.00	0.03	70,70,70,70	0
32	MG	n	201	1/1	1.00	0.01	43,43,43,43	0
32	MG	a	3077	1/1	1.00	0.01	14,14,14,14	0
32	MG	a	3078	1/1	1.00	0.02	78,78,78,78	0
32	MG	A	3028	1/1	1.00	0.01	22,22,22,22	0
32	MG	a	3080	1/1	1.00	0.03	45,45,45,45	0
32	MG	a	3081	1/1	1.00	0.02	43,43,43,43	0
32	MG	a	3082	1/1	1.00	0.03	42,42,42,42	0
32	MG	o	201	1/1	1.00	0.02	37,37,37,37	0
32	MG	o	202	1/1	1.00	0.04	65,65,65,65	0
32	MG	o	203	1/1	1.00	0.02	57,57,57,57	0
32	MG	o	204	1/1	1.00	0.03	30,30,30,30	0
32	MG	o	205	1/1	1.00	0.03	47,47,47,47	0
32	MG	a	3083	1/1	1.00	0.01	19,19,19,19	0
32	MG	o	207	1/1	1.00	0.02	76,76,76,76	0
32	MG	o	208	1/1	1.00	0.02	85,85,85,85	0
32	MG	o	209	1/1	1.00	0.03	101,101,101,101	0
32	MG	o	210	1/1	1.00	0.02	83,83,83,83	0
32	MG	o	211	1/1	1.00	0.02	61,61,61,61	0
32	MG	o	212	1/1	1.00	0.03	75,75,75,75	0
32	MG	a	3084	1/1	1.00	0.01	30,30,30,30	0
32	MG	a	3085	1/1	1.00	0.02	64,64,64,64	0
32	MG	a	3086	1/1	1.00	0.03	28,28,28,28	0
32	MG	a	3087	1/1	1.00	0.06	23,23,23,23	0
32	MG	a	3088	1/1	1.00	0.02	15,15,15,15	0
32	MG	a	3089	1/1	1.00	0.02	26,26,26,26	0
32	MG	a	3090	1/1	1.00	0.01	60,60,60,60	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
32	MG	a	3091	1/1	1.00	0.01	41,41,41,41	0
32	MG	a	3092	1/1	1.00	0.02	15,15,15,15	0
32	MG	a	3093	1/1	1.00	0.02	10,10,10,10	0
32	MG	A	3317	1/1	1.00	0.01	76,76,76,76	0
32	MG	a	3095	1/1	1.00	0.02	14,14,14,14	0
32	MG	a	3096	1/1	1.00	0.01	20,20,20,20	0
32	MG	a	3097	1/1	1.00	0.02	13,13,13,13	0
32	MG	a	3098	1/1	1.00	0.02	45,45,45,45	0
32	MG	a	3099	1/1	1.00	0.02	48,48,48,48	0
32	MG	a	3100	1/1	1.00	0.02	131,131,131,131	0
32	MG	a	3101	1/1	1.00	0.01	24,24,24,24	0
32	MG	o	231	1/1	1.00	0.02	26,26,26,26	0
32	MG	p	201	1/1	1.00	0.01	22,22,22,22	0
32	MG	p	202	1/1	1.00	0.02	26,26,26,26	0
32	MG	p	203	1/1	1.00	0.03	67,67,67,67	0
32	MG	p	204	1/1	1.00	0.02	83,83,83,83	0
32	MG	p	205	1/1	1.00	0.01	52,52,52,52	0
32	MG	p	206	1/1	1.00	0.02	51,51,51,51	0
32	MG	p	207	1/1	1.00	0.03	70,70,70,70	0
32	MG	p	208	1/1	1.00	0.01	38,38,38,38	0
32	MG	a	3102	1/1	1.00	0.02	30,30,30,30	0
32	MG	a	3103	1/1	1.00	0.01	48,48,48,48	0
32	MG	a	3104	1/1	1.00	0.01	5,5,5,5	0
32	MG	a	3105	1/1	1.00	0.01	42,42,42,42	0
32	MG	a	3106	1/1	1.00	0.01	28,28,28,28	0
32	MG	a	3107	1/1	1.00	0.02	14,14,14,14	0
32	MG	a	3108	1/1	1.00	0.04	41,41,41,41	0
32	MG	a	3109	1/1	1.00	0.01	26,26,26,26	0
32	MG	q	201	1/1	1.00	0.02	14,14,14,14	0
32	MG	q	202	1/1	1.00	0.01	46,46,46,46	0
32	MG	q	203	1/1	1.00	0.01	15,15,15,15	0
32	MG	q	204	1/1	1.00	0.01	73,73,73,73	0
32	MG	q	205	1/1	1.00	0.02	69,69,69,69	0
32	MG	q	206	1/1	1.00	0.01	67,67,67,67	0
32	MG	q	207	1/1	1.00	0.01	67,67,67,67	0
32	MG	a	3110	1/1	1.00	0.01	11,11,11,11	0
32	MG	a	3111	1/1	1.00	0.01	19,19,19,19	0
32	MG	a	3112	1/1	1.00	0.01	37,37,37,37	0
32	MG	a	3113	1/1	1.00	0.04	24,24,24,24	0
32	MG	a	3114	1/1	1.00	0.02	39,39,39,39	0
32	MG	a	3115	1/1	1.00	0.03	36,36,36,36	0
32	MG	a	3116	1/1	1.00	0.03	46,46,46,46	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3117	1/1	1.00	0.02	23,23,23,23	0
32	MG	a	3118	1/1	1.00	0.02	23,23,23,23	0
32	MG	a	3119	1/1	1.00	0.02	44,44,44,44	0
32	MG	a	3120	1/1	1.00	0.01	43,43,43,43	0
32	MG	a	3121	1/1	1.00	0.03	29,29,29,29	0
32	MG	a	3122	1/1	1.00	0.03	30,30,30,30	0
32	MG	a	3123	1/1	1.00	0.02	53,53,53,53	0
32	MG	a	3124	1/1	1.00	0.01	19,19,19,19	0
32	MG	a	3125	1/1	1.00	0.03	22,22,22,22	0
32	MG	a	3126	1/1	1.00	0.01	19,19,19,19	0
32	MG	a	3127	1/1	1.00	0.01	21,21,21,21	0
32	MG	a	3128	1/1	1.00	0.02	33,33,33,33	0
32	MG	q	227	1/1	1.00	0.02	25,25,25,25	0
32	MG	a	3129	1/1	1.00	0.02	27,27,27,27	0
32	MG	a	3130	1/1	1.00	0.02	29,29,29,29	0
32	MG	a	3131	1/1	1.00	0.01	29,29,29,29	0
32	MG	r	201	1/1	1.00	0.03	37,37,37,37	0
32	MG	r	202	1/1	1.00	0.02	55,55,55,55	0
32	MG	A	3029	1/1	1.00	0.04	62,62,62,62	0
32	MG	r	204	1/1	1.00	0.02	61,61,61,61	0
32	MG	r	205	1/1	1.00	0.01	43,43,43,43	0
32	MG	r	206	1/1	1.00	0.03	70,70,70,70	0
32	MG	r	207	1/1	1.00	0.02	70,70,70,70	0
32	MG	r	208	1/1	1.00	0.01	65,65,65,65	0
32	MG	a	3133	1/1	1.00	0.02	18,18,18,18	0
32	MG	r	210	1/1	1.00	0.01	77,77,77,77	0
32	MG	r	211	1/1	1.00	0.02	18,18,18,18	0
32	MG	a	3134	1/1	1.00	0.03	39,39,39,39	0
32	MG	a	3135	1/1	1.00	0.01	22,22,22,22	0
32	MG	a	3136	1/1	1.00	0.03	44,44,44,44	0
32	MG	a	3137	1/1	1.00	0.01	34,34,34,34	0
32	MG	a	3138	1/1	1.00	0.01	31,31,31,31	0
32	MG	a	3139	1/1	1.00	0.02	41,41,41,41	0
32	MG	a	3140	1/1	1.00	0.03	46,46,46,46	0
32	MG	a	3141	1/1	1.00	0.01	40,40,40,40	0
32	MG	a	3142	1/1	1.00	0.02	23,23,23,23	0
32	MG	a	3143	1/1	1.00	0.02	42,42,42,42	0
32	MG	a	3144	1/1	1.00	0.02	24,24,24,24	0
32	MG	a	3145	1/1	1.00	0.01	24,24,24,24	0
32	MG	a	3146	1/1	1.00	0.03	30,30,30,30	0
32	MG	a	3147	1/1	1.00	0.01	28,28,28,28	0
32	MG	a	3148	1/1	1.00	0.05	54,54,54,54	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3149	1/1	1.00	0.03	29,29,29,29	0
32	MG	a	3150	1/1	1.00	0.02	46,46,46,46	0
32	MG	s	101	1/1	1.00	0.01	38,38,38,38	0
32	MG	s	102	1/1	1.00	0.02	36,36,36,36	0
32	MG	s	103	1/1	1.00	0.06	75,75,75,75	0
32	MG	a	3151	1/1	1.00	0.03	55,55,55,55	0
32	MG	a	3152	1/1	1.00	0.01	25,25,25,25	0
32	MG	a	3153	1/1	1.00	0.03	38,38,38,38	0
32	MG	a	3154	1/1	1.00	0.02	34,34,34,34	0
32	MG	a	3155	1/1	1.00	0.01	17,17,17,17	0
32	MG	a	3156	1/1	1.00	0.01	34,34,34,34	0
32	MG	a	3157	1/1	1.00	0.02	26,26,26,26	0
32	MG	t	502	1/1	1.00	0.01	57,57,57,57	0
32	MG	t	503	1/1	1.00	0.02	56,56,56,56	0
32	MG	a	3158	1/1	1.00	0.03	37,37,37,37	0
32	MG	a	3159	1/1	1.00	0.02	38,38,38,38	0
32	MG	u	301	1/1	1.00	0.01	38,38,38,38	0
32	MG	u	302	1/1	1.00	0.01	41,41,41,41	0
32	MG	u	303	1/1	1.00	0.02	45,45,45,45	0
32	MG	u	304	1/1	1.00	0.01	64,64,64,64	0
32	MG	u	305	1/1	1.00	0.02	89,89,89,89	0
32	MG	u	306	1/1	1.00	0.02	46,46,46,46	0
32	MG	u	307	1/1	1.00	0.01	40,40,40,40	0
32	MG	u	308	1/1	1.00	0.01	54,54,54,54	0
32	MG	u	309	1/1	1.00	0.01	75,75,75,75	0
32	MG	u	310	1/1	1.00	0.01	75,75,75,75	0
32	MG	u	311	1/1	1.00	0.01	72,72,72,72	0
32	MG	u	312	1/1	1.00	0.02	70,70,70,70	0
32	MG	u	313	1/1	1.00	0.02	73,73,73,73	0
32	MG	u	314	1/1	1.00	0.02	78,78,78,78	0
32	MG	a	3160	1/1	1.00	0.01	42,42,42,42	0
32	MG	a	3161	1/1	1.00	0.03	51,51,51,51	0
32	MG	a	3162	1/1	1.00	0.01	25,25,25,25	0
32	MG	a	3163	1/1	1.00	0.02	36,36,36,36	0
32	MG	u	319	1/1	1.00	0.02	3,3,3,3	0
32	MG	a	3164	1/1	1.00	0.02	58,58,58,58	0
32	MG	a	3165	1/1	1.00	0.03	34,34,34,34	0
32	MG	u	322	1/1	1.00	0.01	95,95,95,95	0
32	MG	a	3166	1/1	1.00	0.03	7,7,7,7	0
32	MG	a	3167	1/1	1.00	0.01	17,17,17,17	0
32	MG	u	325	1/1	1.00	0.01	27,27,27,27	0
32	MG	v	101	1/1	1.00	0.02	26,26,26,26	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	v	102	1/1	1.00	0.04	63,63,63,63	0
32	MG	v	103	1/1	1.00	0.03	80,80,80,80	0
32	MG	v	104	1/1	1.00	0.01	59,59,59,59	0
32	MG	v	105	1/1	1.00	0.03	71,71,71,71	0
32	MG	v	106	1/1	1.00	0.03	17,17,17,17	0
32	MG	a	3168	1/1	1.00	0.02	34,34,34,34	0
32	MG	v	108	1/1	1.00	0.02	30,30,30,30	0
32	MG	a	3169	1/1	1.00	0.04	42,42,42,42	0
32	MG	a	3170	1/1	1.00	0.01	19,19,19,19	0
32	MG	a	3171	1/1	1.00	0.02	28,28,28,28	0
32	MG	w	101	1/1	1.00	0.02	54,54,54,54	0
32	MG	w	102	1/1	1.00	0.02	80,80,80,80	0
32	MG	w	103	1/1	1.00	0.02	70,70,70,70	0
32	MG	w	104	1/1	1.00	0.02	60,60,60,60	0
32	MG	w	105	1/1	1.00	0.02	1,1,1,1	0
32	MG	a	3172	1/1	1.00	0.03	46,46,46,46	0
32	MG	a	3173	1/1	1.00	0.01	37,37,37,37	0
32	MG	a	3174	1/1	1.00	0.02	9,9,9,9	0
32	MG	a	3175	1/1	1.00	0.01	21,21,21,21	0
32	MG	a	3176	1/1	1.00	0.02	3,3,3,3	0
32	MG	x	101	1/1	1.00	0.01	64,64,64,64	0
32	MG	x	102	1/1	1.00	0.02	57,57,57,57	0
32	MG	x	103	1/1	1.00	0.01	58,58,58,58	0
32	MG	x	104	1/1	1.00	0.01	44,44,44,44	0
32	MG	a	3177	1/1	1.00	0.01	23,23,23,23	0
32	MG	x	106	1/1	1.00	0.03	62,62,62,62	0
32	MG	a	3178	1/1	1.00	0.01	39,39,39,39	0
32	MG	a	3179	1/1	1.00	0.02	56,56,56,56	0
32	MG	x	109	1/1	1.00	0.02	95,95,95,95	0
32	MG	a	3180	1/1	1.00	0.01	43,43,43,43	0
32	MG	A	3319	1/1	1.00	0.04	74,74,74,74	0
32	MG	y	601	1/1	1.00	0.02	56,56,56,56	0
32	MG	y	602	1/1	1.00	0.01	40,40,40,40	0
32	MG	y	603	1/1	1.00	0.03	75,75,75,75	0
32	MG	y	604	1/1	1.00	0.02	18,18,18,18	0
32	MG	y	605	1/1	1.00	0.02	8,8,8,8	0
32	MG	a	3182	1/1	1.00	0.02	60,60,60,60	0
32	MG	a	3183	1/1	1.00	0.02	51,51,51,51	0
32	MG	a	3184	1/1	1.00	0.01	22,22,22,22	0
32	MG	a	3185	1/1	1.00	0.02	42,42,42,42	0
32	MG	a	3186	1/1	1.00	0.02	48,48,48,48	0
32	MG	a	3187	1/1	1.00	0.02	18,18,18,18	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
32	MG	a	3188	1/1	1.00	0.01	23,23,23,23	0
32	MG	a	3189	1/1	1.00	0.01	38,38,38,38	0
32	MG	A	3906	1/1	1.00	0.02	21,21,21,21	0
32	MG	a	3191	1/1	1.00	0.02	38,38,38,38	0
32	MG	a	3192	1/1	1.00	0.02	50,50,50,50	0
32	MG	a	3193	1/1	1.00	0.02	41,41,41,41	0
32	MG	a	3194	1/1	1.00	0.01	29,29,29,29	0
32	MG	a	3195	1/1	1.00	0.01	24,24,24,24	0
32	MG	5	108	1/1	1.00	0.02	30,30,30,30	0
32	MG	6	502	1/1	1.00	0.01	58,58,58,58	0
32	MG	6	503	1/1	1.00	0.02	49,49,49,49	0
32	MG	a	3196	1/1	1.00	0.02	26,26,26,26	0
32	MG	6	505	1/1	1.00	0.04	8,8,8,8	0
32	MG	a	3197	1/1	1.00	0.02	57,57,57,57	0
32	MG	a	3198	1/1	1.00	0.02	42,42,42,42	0
32	MG	7	101	1/1	1.00	0.01	40,40,40,40	0
32	MG	7	102	1/1	1.00	0.01	51,51,51,51	0
32	MG	7	103	1/1	1.00	0.04	85,85,85,85	0
32	MG	a	3199	1/1	1.00	0.01	46,46,46,46	0
32	MG	a	3200	1/1	1.00	0.04	56,56,56,56	0
32	MG	a	3201	1/1	1.00	0.03	49,49,49,49	0
32	MG	a	3202	1/1	1.00	0.03	42,42,42,42	0
32	MG	8	101	1/1	1.00	0.02	42,42,42,42	0
32	MG	8	102	1/1	1.00	0.02	53,53,53,53	0
32	MG	8	103	1/1	1.00	0.03	84,84,84,84	0
32	MG	8	104	1/1	1.00	0.03	9,9,9,9	0
32	MG	8	105	1/1	1.00	0.02	21,21,21,21	0
32	MG	a	3203	1/1	1.00	0.01	32,32,32,32	0
32	MG	8	107	1/1	1.00	0.01	29,29,29,29	0
32	MG	a	3204	1/1	1.00	0.01	27,27,27,27	0
32	MG	8	109	1/1	1.00	0.02	27,27,27,27	0
32	MG	a	3205	1/1	1.00	0.01	27,27,27,27	0
32	MG	a	3206	1/1	1.00	0.02	34,34,34,34	0
32	MG	a	3207	1/1	1.00	0.01	60,60,60,60	0
32	MG	9	102	1/1	1.00	0.02	64,64,64,64	0
32	MG	a	3208	1/1	1.00	0.02	41,41,41,41	0
32	MG	a	3209	1/1	1.00	0.02	32,32,32,32	0
33	ZN	T	501	1/1	1.00	0.02	54,54,54,54	0
32	MG	a	3210	1/1	1.00	0.01	19,19,19,19	0
33	ZN	0	108	1/1	1.00	0.01	67,67,67,67	0
33	ZN	13	103	1/1	1.00	0.01	7,7,7,7	0
33	ZN	4	101	1/1	1.00	0.01	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(\AA^2)	Q<0.9
33	ZN	t	501	1/1	1.00	0.02	163,163,163,163	0
32	MG	a	3211	1/1	1.00	0.01	19,19,19,19	0
33	ZN	5	101	1/1	1.00	0.01	33,33,33,33	0
32	MG	a	3212	1/1	1.00	0.03	32,32,32,32	0
33	ZN	9	101	1/1	1.00	0.03	86,86,86,86	0

6.5 Other polymers [i](#)

There are no such residues in this entry.