



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 17, 2026 – 11:50 AM UTC

PDB ID : 5ON6 / pdb_00005on6
Title : Crystal structure of haemanthamine bound to the 80S ribosome
Authors : Pellegrino, S.; Meyer, M.; Yusupova, G.; Yusupov, M.
Deposited on : 2017-08-03
Resolution : 3.10 Å(reported)

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

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

A user guide is available at

<https://www.wwpdb.org/validation/2017/XrayValidationReportHelp>

with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

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

MolProbity : **FAILED**
Mogul : 2022.3.0, CSD as543be (2022)
Xtriage (Phenix) : 2.0
EDS : 3.0
buster-report : 1.1.7 (2018)
Percentile statistics : 20231227.v01 (using entries in the PDB archive December 27th 2023)
CCP4 : 9.0.010 (Gargrove)
Density-Fitness : 1.0.12
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.48.1

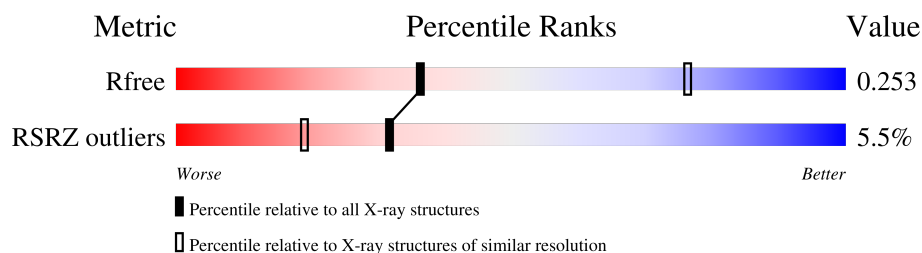
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 3.10 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	1351 (3.10-3.10)
RSRZ outliers	164620	1351 (3.10-3.10)

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

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

Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
85	MG	1	3744	-	-	-	X
85	MG	1	3955	-	-	-	X
85	MG	1	3965	-	-	-	X
85	MG	1	4030	-	-	-	X
85	MG	1	4152	-	-	-	X
85	MG	1	4171	-	-	-	X
85	MG	6	2061	-	-	-	X
85	MG	6	2076	-	-	-	X
85	MG	6	2085	-	-	-	X
85	MG	6	2092	-	-	-	X
85	MG	6	2110	-	-	-	X
85	MG	6	2185	-	-	-	X
85	MG	A	2066	-	-	-	X
85	MG	A	2068	-	-	-	X
85	MG	A	2070	-	-	-	X
85	MG	A	2078	-	-	-	X
85	MG	A	2100	-	-	-	X
85	MG	A	2110	-	-	-	X

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
85	MG	A	2118	-	-	-	X
85	MG	A	2132	-	-	-	X
85	MG	A	2151	-	-	-	X
85	MG	A	2155	-	-	-	X
85	MG	AR	3776	-	-	-	X
85	MG	AR	3814	-	-	-	X

2 Entry composition [i](#)

There are 88 unique types of molecules in this entry. The entry contains 410383 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 25S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
1	1	3149	Total	C	N	O	P	0	0	0
			67355	30086	12142	21978	3149			
1	AR	3149	Total	C	N	O	P	0	0	0
			67355	30086	12142	21978	3149			

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
2	3	121	Total	C	N	O	P	0	0	0
			2579	1152	461	845	121			
2	AS	121	Total	C	N	O	P	0	0	0
			2579	1152	461	845	121			

- Molecule 3 is a RNA chain called 5.8S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
3	4	158	Total	C	N	O	P	0	0	0
			3353	1500	586	1109	158			
3	AT	158	Total	C	N	O	P	0	0	0
			3353	1500	586	1109	158			

- Molecule 4 is a protein called 60S ribosomal protein L2-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
4	j	252	Total	C	N	O	S	0	0	0
			1914	1191	388	334	1			
4	CD	252	Total	C	N	O	S	0	0	0
			1914	1191	388	334	1			

- Molecule 5 is a protein called 60S ribosomal protein L3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
5	k	386	Total	C	N	O	S	0	0	0
			3075	1950	584	533	8			
5	CE	386	Total	C	N	O	S	0	0	0
			3075	1950	584	533	8			

- Molecule 6 is a protein called 60S ribosomal protein L4-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
6	l	361	Total	C	N	O	S	0	0	0
			2748	1729	522	494	3			
6	CF	361	Total	C	N	O	S	0	0	0
			2748	1729	522	494	3			

- Molecule 7 is a protein called 60S ribosomal protein L5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
7	m	296	Total	C	N	O	S	0	0	0
			2375	1501	414	458	2			
7	CG	296	Total	C	N	O	S	0	0	0
			2375	1501	414	458	2			

- Molecule 8 is a protein called 60S ribosomal protein L6-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
8	n	156	Total	C	N	O	S	0	0	0
			1239	800	222	216	1			
8	CH	156	Total	C	N	O	S	0	0	0
			1239	800	222	216	1			

- Molecule 9 is a protein called 60S ribosomal protein L7-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
9	o	222	Total	C	N	O	S	0	0	0
			1784	1151	324	308	1			
9	CI	222	Total	C	N	O	S	0	0	0
			1784	1151	324	308	1			

- Molecule 10 is a protein called 60S ribosomal protein L8-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
10	p	233	Total	C	N	O	S	0	0	0
			1804	1151	323	327	3			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
10	CJ	233	Total	C	N	O	S	0	0	0
			1804	1151	323	327	3			

- Molecule 11 is a protein called 60S ribosomal protein L9-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
11	q	191	Total	C	N	O	S	0	0	0
			1518	963	274	277	4			
11	CK	191	Total	C	N	O	S	0	0	0
			1518	963	274	277	4			

- Molecule 12 is a protein called 60S ribosomal protein L10.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
12	r	211	Total	C	N	O	S	0	0	0
			1705	1083	322	294	6			
12	CL	211	Total	C	N	O	S	0	0	0
			1705	1083	322	294	6			

- Molecule 13 is a protein called 60S ribosomal protein L11-B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
13	s	169	Total	C	N	O	S	0	0	0
			1353	847	253	249	4			
13	CM	169	Total	C	N	O	S	0	0	0
			1353	847	253	249	4			

- Molecule 14 is a protein called 60S ribosomal protein L13-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
14	t	193	Total	C	N	O	0	0	0
			1543	962	315	266			
14	CN	193	Total	C	N	O	0	0	0
			1543	962	315	266			

- Molecule 15 is a protein called 60S ribosomal protein L14-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
15	u	136	Total	C	N	O	0	0	0
			1053	675	199	177			
15	CO	136	Total	C	N	O	0	0	0
			1053	675	199	177			

- Molecule 16 is a protein called 60S ribosomal protein L15-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
16	v	203	Total	C	N	O	S	0	0	0
			1720	1077	361	281	1			
16	CP	203	Total	C	N	O	S	0	0	0
			1720	1077	361	281	1			

- Molecule 17 is a protein called 60S ribosomal protein L16-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
17	w	197	Total	C	N	O	S	0	0	0
			1555	1003	289	262	1			
17	CQ	197	Total	C	N	O	S	0	0	0
			1555	1003	289	262	1			

- Molecule 18 is a protein called 60S ribosomal protein L17-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
18	x	183	Total	C	N	O	S	0	0	0
			1420	882	281	257				
18	CR	183	Total	C	N	O	S	0	0	0
			1420	882	281	257				

- Molecule 19 is a protein called 60S ribosomal protein L18-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
19	y	185	Total	C	N	O	S	0	0	0
			1441	908	290	241	2			
19	CS	185	Total	C	N	O	S	0	0	0
			1441	908	290	241	2			

- Molecule 20 is a protein called 60S ribosomal protein L19-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
20	z	188	Total	C	N	O	S	0	0	0
			1521	935	326	260				
20	CT	188	Total	C	N	O	S	0	0	0
			1521	935	326	260				

- Molecule 21 is a protein called 60S ribosomal protein L20-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
21	0	172	Total	C	N	O	S	0	0	0
			1445	930	267	244	4			
21	CU	172	Total	C	N	O	S	0	0	0
			1445	930	267	244	4			

- Molecule 22 is a protein called 60S ribosomal protein L21-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
22	2	159	Total	C	N	O	S	0	0	0
			1276	805	246	221	4			
22	CV	159	Total	C	N	O	S	0	0	0
			1276	805	246	221	4			

- Molecule 23 is a protein called 60S ribosomal protein L22-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
23	5	100	Total	C	N	O		0	0	0
			796	516	131	149				
23	CW	100	Total	C	N	O		0	0	0
			796	516	131	149				

- Molecule 24 is a protein called 60S ribosomal protein L23-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
24	IR	136	Total	C	N	O	S	0	0	0
			1003	628	189	179	7			
24	CX	136	Total	C	N	O	S	0	0	0
			1003	628	189	179	7			

- Molecule 25 is a RNA chain called 18S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
25	6	1783	Total	C	N	O	P	0	0	0
			37990	16984	6723	12500	1783			
25	A	1781	Total	C	N	O	P	0	0	0
			37948	16965	6715	12487	1781			

- Molecule 26 is a protein called 60S ribosomal protein L24-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
26	7	98	Total	C	N	O	S	0	0	0
			699	443	137	118	1			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
26	CY	98	Total	C	N	O	S	0	0	0
			699	443	137	118	1			

- Molecule 27 is a protein called 60S ribosomal protein L25.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
27	8	121	Total	C	N	O	S	0	0	0
			964	620	169	173	2			
27	CZ	121	Total	C	N	O	S	0	0	0
			964	620	169	173	2			

- Molecule 28 is a protein called 60S ribosomal protein L26-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
28	9	126	Total	C	N	O		0	0	0
			993	625	192	176				
28	DA	126	Total	C	N	O		0	0	0
			993	625	192	176				

- Molecule 29 is a protein called 60S ribosomal protein L27-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
29	AA	135	Total	C	N	O		0	0	0
			1092	710	202	180				
29	DB	135	Total	C	N	O		0	0	0
			1092	710	202	180				

- Molecule 30 is a protein called 60S ribosomal protein L28.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
30	AB	148	Total	C	N	O	S	0	0	0
			1173	749	231	190	3			
30	DC	148	Total	C	N	O	S	0	0	0
			1173	749	231	190	3			

- Molecule 31 is a protein called 60S ribosomal protein L29.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
31	AC	58	Total	C	N	O		0	0	0
			462	289	100	73				
31	DD	58	Total	C	N	O		0	0	0
			462	289	100	73				

- Molecule 32 is a protein called 60S ribosomal protein L30.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
32	AD	97	Total	C	N	O	S	0	0	0
			743	479	124	139	1			
32	DE	97	Total	C	N	O	S	0	0	0
			743	479	124	139	1			

- Molecule 33 is a protein called 60S ribosomal protein L31-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
33	AE	109	Total	C	N	O	S	0	0	0
			876	556	167	152	1			
33	DF	109	Total	C	N	O	S	0	0	0
			876	556	167	152	1			

- Molecule 34 is a protein called 60S ribosomal protein L32.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
34	AF	127	Total	C	N	O	S	0	0	0
			1020	647	205	167	1			
34	DG	127	Total	C	N	O	S	0	0	0
			1020	647	205	167	1			

- Molecule 35 is a protein called 60S ribosomal protein L33-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
35	AG	106	Total	C	N	O	S	0	0	0
			850	540	165	144	1			
35	DH	106	Total	C	N	O	S	0	0	0
			850	540	165	144	1			

- Molecule 36 is a protein called 60S ribosomal protein L34-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
36	AH	112	Total	C	N	O	S	0	0	0
			880	545	179	152	4			
36	DI	112	Total	C	N	O	S	0	0	0
			880	545	179	152	4			

- Molecule 37 is a protein called 60S ribosomal protein L35-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
37	AI	119	Total	C	N	O	S	0	0	0
			969	615	186	167	1			
37	DJ	119	Total	C	N	O	S	0	0	0
			969	615	186	167	1			

- Molecule 38 is a protein called 60S ribosomal protein L36-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
38	AJ	99	Total	C	N	O	S	0	0	0
			771	481	156	132	2			
38	DK	99	Total	C	N	O	S	0	0	0
			771	481	156	132	2			

- Molecule 39 is a protein called 60S ribosomal protein L37-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
39	AK	87	Total	C	N	O	S	0	0	0
			681	414	148	114	5			
39	DL	87	Total	C	N	O	S	0	0	0
			681	414	148	114	5			

- Molecule 40 is a protein called 60S ribosomal protein L38.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
40	AL	77	Total	C	N	O	0	0	0
			612	391	115	106			
40	DM	77	Total	C	N	O	0	0	0
			612	391	115	106			

- Molecule 41 is a protein called 60S ribosomal protein L39.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
41	AM	50	Total	C	N	O	S	0	0	0
			436	272	97	65	2			
41	DN	50	Total	C	N	O	S	0	0	0
			436	272	97	65	2			

- Molecule 42 is a protein called Ubiquitin-60S ribosomal protein L40.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
42	AN	52	Total	C	N	O	S	0	0	0
			417	259	86	67	5			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
42	DO	52	Total	C	N	O	S	0	0	0
			417	259	86	67	5			

- Molecule 43 is a protein called 60S ribosomal protein L41-B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
43	AO	25	Total	C	N	O	S	0	0	0
			233	142	63	27	1			
43	DP	25	Total	C	N	O	S	0	0	0
			233	142	63	27	1			

- Molecule 44 is a protein called 60S ribosomal protein L42-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
44	AP	105	Total	C	N	O	S	0	0	0
			847	534	170	138	5			
44	DQ	105	Total	C	N	O	S	0	0	0
			847	534	170	138	5			

- Molecule 45 is a protein called 60S ribosomal protein L43-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
45	AQ	91	Total	C	N	O	S	0	0	0
			694	429	138	121	6			
45	DR	91	Total	C	N	O	S	0	0	0
			694	429	138	121	6			

- Molecule 46 is a protein called Suppressor protein STM1.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
46	i	159	Total	C	N	O	0	0	0
			1104	652	221	231			

- Molecule 47 is a protein called 60S ribosomal protein L12.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
47	m2	150	Total	C	N	O	0	0	0
			750	450	150	150			

- Molecule 48 is a protein called Suppressor protein STM1,Suppressor protein STM1.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
48	sM	104	Total	C	N	O			
			680	403	140	137	0	0	0

- Molecule 49 is a protein called 60S acidic ribosomal protein P0.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
49	p0	143	Total	C	N	O	S			
			1076	686	192	195	3	0	0	0

- Molecule 50 is a protein called 40S ribosomal protein S0-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
50	B	206	Total	C	N	O	S			
			1577	1014	278	283	2	0	0	0
50	s0	206	Total	C	N	O	S			
			1583	1017	281	283	2	0	0	0

- Molecule 51 is a protein called 40S ribosomal protein S1-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
51	C	214	Total	C	N	O	S			
			1709	1084	310	311	4	0	0	0
51	s1	216	Total	C	N	O	S			
			1722	1091	312	315	4	0	0	0

- Molecule 52 is a protein called 40S ribosomal protein S2.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
52	D	217	Total	C	N	O	S			
			1635	1047	289	297	2	0	0	0
52	s2	217	Total	C	N	O	S			
			1635	1047	289	297	2	0	0	0

- Molecule 53 is a protein called 40S ribosomal protein S3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
53	E	223	Total	C	N	O	S			
			1734	1101	313	314	6	0	0	0
53	s3	223	Total	C	N	O	S			
			1734	1101	313	314	6	0	0	0

- Molecule 54 is a protein called 40S ribosomal protein S4-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
54	F	260	Total	C	N	O	S	0	0	0
			2068	1316	389	360	3			
54	s4	260	Total	C	N	O	S	0	0	0
			2068	1316	389	360	3			

- Molecule 55 is a protein called 40S ribosomal protein S5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
55	G	206	Total	C	N	O	S	0	0	0
			1609	1007	300	299	3			
55	s5	206	Total	C	N	O	S	0	0	0
			1609	1007	300	299	3			

- Molecule 56 is a protein called 40S ribosomal protein S6-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
56	H	226	Total	C	N	O	S	0	0	0
			1799	1129	346	321	3			
56	s6	218	Total	C	N	O	S	0	0	0
			1755	1102	337	313	3			

- Molecule 57 is a protein called 40S ribosomal protein S7-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
57	I	184	Total	C	N	O	0	0	0
			1481	951	265	265			
57	s7	186	Total	C	N	O	0	0	0
			1491	957	267	267			

- Molecule 58 is a protein called 40S ribosomal protein S8-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
58	J	188	Total	C	N	O	S	0	0	0
			1489	925	298	264	2			
58	s8	188	Total	C	N	O	S	0	0	0
			1489	925	298	264	2			

- Molecule 59 is a protein called 40S ribosomal protein S9-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
59	K	185	Total	C	N	O	S	0	0	0
			1494	943	289	261	1			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
59	s9	185	Total	C	N	O	S	0	0	0
			1494	943	289	261	1			

- Molecule 60 is a protein called 40S ribosomal protein S10-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
60	L	96	Total	C	N	O	S	0	0	0
			772	499	126	145	2			
60	c0	96	Total	C	N	O	S	0	0	0
			760	489	125	144	2			

- Molecule 61 is a protein called 40S ribosomal protein S11-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
61	M	155	Total	C	N	O	S	0	0	0
			1213	774	230	206	3			
61	c1	146	Total	C	N	O	S	0	0	0
			1168	747	221	197	3			

- Molecule 62 is a protein called 40S ribosomal protein S12.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
62	N	124	Total	C	N	O	S	0	0	0
			890	560	156	172	2			
62	c2	124	Total	C	N	O	S	0	0	0
			890	560	156	172	2			

- Molecule 63 is a protein called 40S ribosomal protein S13.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
63	O	150	Total	C	N	O	S	0	0	0
			1192	759	224	207	2			
63	c3	150	Total	C	N	O	S	0	0	0
			1192	759	224	207	2			

- Molecule 64 is a protein called 40S ribosomal protein S14-B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
64	P	127	Total	C	N	O	S	0	0	0
			891	545	182	163	1			
64	c4	128	Total	C	N	O	S	0	0	0
			949	582	188	176	3			

- Molecule 65 is a protein called 40S ribosomal protein S15.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
65	Q	124	Total	C	N	O	S	0	0	0
			977	622	182	166	7			
65	c5	135	Total	C	N	O	S	0	0	0
			1039	658	196	178	7			

- Molecule 66 is a protein called 40S ribosomal protein S16-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
66	R	141	Total	C	N	O		0	0	0
			1105	708	203	194				
66	c6	142	Total	C	N	O		0	0	0
			1111	711	204	196				

- Molecule 67 is a protein called 40S ribosomal protein S17-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
67	S	120	Total	C	N	O	S	0	0	0
			926	577	177	170	2			
67	c7	117	Total	C	N	O	S	0	0	0
			906	563	174	167	2			

- Molecule 68 is a protein called 40S ribosomal protein S18-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
68	T	145	Total	C	N	O	S	0	0	0
			1192	743	237	210	2			
68	c8	145	Total	C	N	O	S	0	0	0
			1192	743	237	210	2			

- Molecule 69 is a protein called 40S ribosomal protein S19-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
69	U	143	Total	C	N	O	S	0	0	0
			1112	694	208	208	2			
69	c9	143	Total	C	N	O	S	0	0	0
			1112	694	208	208	2			

- Molecule 70 is a protein called 40S ribosomal protein S20.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
70	V	107	Total	C	N	O	S	0	0	0
			855	539	156	159	1			
70	d0	110	Total	C	N	O	S	0	0	0
			882	554	161	166	1			

- Molecule 71 is a protein called 40S ribosomal protein S21-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
71	W	87	Total	C	N	O	S	0	0	0
			684	420	125	137	2			
71	d1	87	Total	C	N	O	S	0	0	0
			684	420	125	137	2			

- Molecule 72 is a protein called 40S ribosomal protein S22-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
72	X	129	Total	C	N	O	S	0	0	0
			1021	650	188	180	3			
72	d2	129	Total	C	N	O	S	0	0	0
			1021	650	188	180	3			

- Molecule 73 is a protein called 40S ribosomal protein S23-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
73	Y	144	Total	C	N	O	S	0	0	0
			1121	708	220	191	2			
73	d3	144	Total	C	N	O	S	0	0	0
			1121	708	220	191	2			

- Molecule 74 is a protein called 40S ribosomal protein S24-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
74	Z	134	Total	C	N	O	0	0	0
			1073	676	208	189			
74	d4	134	Total	C	N	O	0	0	0
			1073	676	208	189			

- Molecule 75 is a protein called 40S ribosomal protein S25-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
75	a	70	Total	C	N	O	0	0	0
			563	360	104	99			

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
75	d5	69	Total	C	N	O	0	0	0
			558	357	103	98			

- Molecule 76 is a protein called 40S ribosomal protein S26-B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
76	b	97	Total	C	N	O	S	0	0	0
			769	475	160	129	5			
76	d6	97	Total	C	N	O	S	0	0	0
			769	475	160	129	5			

- Molecule 77 is a protein called 40S ribosomal protein S27-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
77	c	81	Total	C	N	O	S	0	0	0
			610	382	110	113	5			
77	d7	81	Total	C	N	O	S	0	0	0
			610	382	110	113	5			

- Molecule 78 is a protein called 40S ribosomal protein S28-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
78	d	63	Total	C	N	O	S	0	0	0
			497	306	99	91	1			
78	d8	63	Total	C	N	O	S	0	0	0
			497	306	99	91	1			

- Molecule 79 is a protein called 40S ribosomal protein S29-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
79	e	53	Total	C	N	O	S	0	0	0
			442	274	92	72	4			
79	d9	53	Total	C	N	O	S	0	0	0
			442	274	92	72	4			

- Molecule 80 is a protein called 40S ribosomal protein S30-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
80	f	60	Total	C	N	O	S	0	0	0
			475	299	98	77	1			
80	e0	62	Total	C	N	O	S	0	0	0
			491	309	101	80	1			

- Molecule 81 is a protein called Ubiquitin-40S ribosomal protein S31.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
81	g	71	Total	C	N	O	S	0	0	0
			566	362	106	94	4			

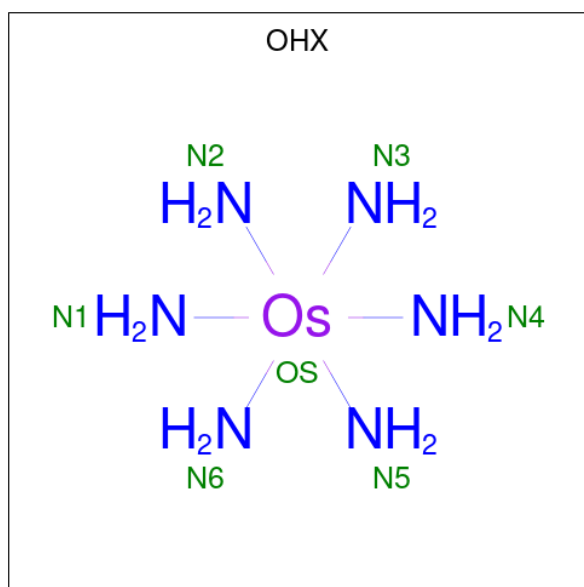
- Molecule 82 is a protein called Guanine nucleotide-binding protein subunit beta-like protein.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
82	h	318	Total	C	N	O	S	0	0	0
			2441	1544	419	470	8			
82	sR	318	Total	C	N	O	S	0	0	0
			2442	1544	418	472	8			

- Molecule 83 is a protein called Ubiquitin-40S ribosomal protein S31.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
83	e1	51	Total	C	N	O	S	0	0	0
			397	249	73	71	4			

- Molecule 84 is osmium (III) hexammine (CCD ID: OHX) (formula: $\text{H}_{12}\text{N}_6\text{Os}$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	1	1	Total	N	Os	0	0
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84	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	1	1	Total	N	Os	0	0
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84	1	1	Total	N	Os	0	0
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84	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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84	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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84	1	1	Total	N	Os	0	0
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84	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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84	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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84	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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84	4	1	Total	N	Os	0	0
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84	4	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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84	r	1	Total	N	Os	0	0
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84	x	1	Total	N	Os	0	0
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84	y	1	Total	N	Os	0	0
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84	z	1	Total	N	Os	0	0
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84	2	1	Total	N	Os	0	0
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84	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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84	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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84	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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84	AH	1	Total	N	Os	0	0
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84	AR	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AR	1	Total	N	Os	0	0
			7	6	1		
84	AS	1	Total	N	Os	0	0
			7	6	1		
84	AS	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	AS	1	Total	N	Os	0	0
			7	6	1		
84	AS	1	Total	N	Os	0	0
			7	6	1		
84	AS	1	Total	N	Os	0	0
			7	6	1		
84	AS	1	Total	N	Os	0	0
			7	6	1		
84	AS	1	Total	N	Os	0	0
			7	6	1		
84	AS	1	Total	N	Os	0	0
			7	6	1		
84	AS	1	Total	N	Os	0	0
			7	6	1		
84	AS	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	AT	1	Total	N	Os	0	0
			7	6	1		
84	CE	1	Total	N	Os	0	0
			7	6	1		
84	CE	1	Total	N	Os	0	0
			7	6	1		
84	CF	1	Total	N	Os	0	0
			7	6	1		
84	CF	1	Total	N	Os	0	0
			7	6	1		
84	CG	1	Total	N	Os	0	0
			7	6	1		
84	CG	1	Total	N	Os	0	0
			7	6	1		
84	CK	1	Total	N	Os	0	0
			7	6	1		
84	CL	1	Total	N	Os	0	0
			7	6	1		
84	CM	1	Total	N	Os	0	0
			7	6	1		
84	CP	1	Total	N	Os	0	0
			7	6	1		
84	CV	1	Total	N	Os	0	0
			7	6	1		
84	CX	1	Total	N	Os	0	0
			7	6	1		
84	CX	1	Total	N	Os	0	0
			7	6	1		
84	DD	1	Total	N	Os	0	0
			7	6	1		
84	DH	1	Total	N	Os	0	0
			7	6	1		
84	DQ	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	A	1	Total	N	Os	0	0
			7	6	1		
84	J	1	Total	N	Os	0	0
			7	6	1		
84	K	1	Total	N	Os	0	0
			7	6	1		
84	M	1	Total	N	Os	0	0
			7	6	1		
84	O	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
84	Q	1	Total 7	N 6	Os 1	0	0
84	T	1	Total 7	N 6	Os 1	0	0
84	e	1	Total 7	N 6	Os 1	0	0
84	h	1	Total 7	N 6	Os 1	0	0
84	s8	1	Total 7	N 6	Os 1	0	0
84	c1	1	Total 7	N 6	Os 1	0	0
84	c3	1	Total 7	N 6	Os 1	0	0
84	c4	1	Total 7	N 6	Os 1	0	0
84	c5	1	Total 7	N 6	Os 1	0	0
84	c8	1	Total 7	N 6	Os 1	0	0
84	d9	1	Total 7	N 6	Os 1	0	0
84	sR	1	Total 7	N 6	Os 1	0	0

- Molecule 85 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	1	498	Total 498	Mg 498	0	0
85	3	13	Total 13	Mg 13	0	0
85	4	25	Total 25	Mg 25	0	0
85	j	2	Total 2	Mg 2	0	0
85	k	3	Total 3	Mg 3	0	0
85	l	3	Total 3	Mg 3	0	0
85	n	1	Total 1	Mg 1	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	o	2	Total 2	Mg 2	0	0
85	r	1	Total 1	Mg 1	0	0
85	s	1	Total 1	Mg 1	0	0
85	t	3	Total 3	Mg 3	0	0
85	v	3	Total 3	Mg 3	0	0
85	w	2	Total 2	Mg 2	0	0
85	x	7	Total 7	Mg 7	0	0
85	z	1	Total 1	Mg 1	0	0
85	lR	1	Total 1	Mg 1	0	0
85	6	146	Total 146	Mg 146	0	0
85	AB	7	Total 7	Mg 7	0	0
85	AF	2	Total 2	Mg 2	0	0
85	AG	1	Total 1	Mg 1	0	0
85	AH	1	Total 1	Mg 1	0	0
85	AK	1	Total 1	Mg 1	0	0
85	AP	1	Total 1	Mg 1	0	0
85	AR	515	Total 515	Mg 515	0	0
85	AS	20	Total 20	Mg 20	0	0
85	AT	14	Total 14	Mg 14	0	0
85	CD	2	Total 2	Mg 2	0	0
85	CE	5	Total 5	Mg 5	0	0

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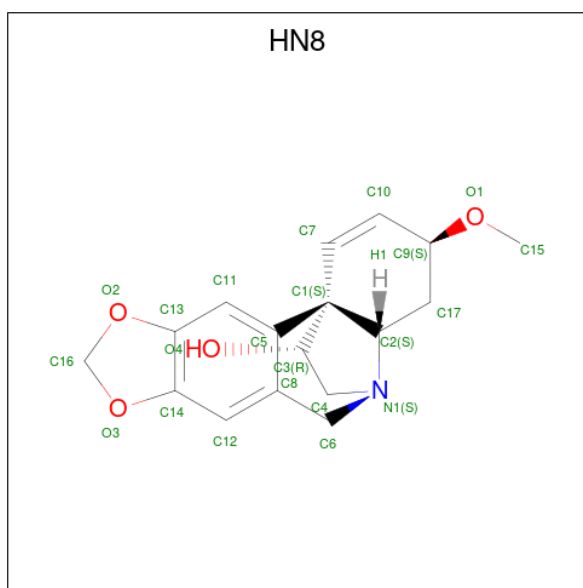
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	CF	1	Total 1	Mg 1	0	0
85	CG	2	Total 2	Mg 2	0	0
85	CI	1	Total 1	Mg 1	0	0
85	CJ	1	Total 1	Mg 1	0	0
85	CK	1	Total 1	Mg 1	0	0
85	CL	1	Total 1	Mg 1	0	0
85	CM	2	Total 2	Mg 2	0	0
85	CO	1	Total 1	Mg 1	0	0
85	CP	4	Total 4	Mg 4	0	0
85	CQ	4	Total 4	Mg 4	0	0
85	CR	5	Total 5	Mg 5	0	0
85	CU	1	Total 1	Mg 1	0	0
85	CX	2	Total 2	Mg 2	0	0
85	DA	2	Total 2	Mg 2	0	0
85	DC	4	Total 4	Mg 4	0	0
85	DE	1	Total 1	Mg 1	0	0
85	DH	2	Total 2	Mg 2	0	0
85	DI	2	Total 2	Mg 2	0	0
85	DL	1	Total 1	Mg 1	0	0
85	DO	1	Total 1	Mg 1	0	0
85	DQ	2	Total 2	Mg 2	0	0

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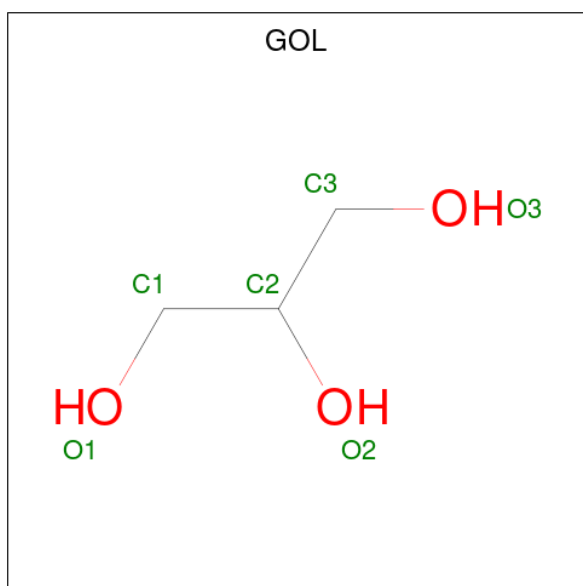
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	sM	2	Total 2	Mg 2	0	0
85	A	116	Total 116	Mg 116	0	0
85	D	1	Total 1	Mg 1	0	0
85	F	1	Total 1	Mg 1	0	0
85	H	1	Total 1	Mg 1	0	0
85	T	1	Total 1	Mg 1	0	0
85	U	1	Total 1	Mg 1	0	0
85	V	1	Total 1	Mg 1	0	0
85	Y	1	Total 1	Mg 1	0	0
85	b	1	Total 1	Mg 1	0	0
85	s4	1	Total 1	Mg 1	0	0
85	s6	1	Total 1	Mg 1	0	0
85	s8	1	Total 1	Mg 1	0	0
85	c1	1	Total 1	Mg 1	0	0
85	c6	1	Total 1	Mg 1	0	0
85	c8	1	Total 1	Mg 1	0	0
85	c9	1	Total 1	Mg 1	0	0
85	d3	2	Total 2	Mg 2	0	0
85	d4	1	Total 1	Mg 1	0	0
85	d5	1	Total 1	Mg 1	0	0
85	d6	2	Total 2	Mg 2	0	0

- Molecule 86 is Haemanthamine (CCD ID: HN8) (formula: $C_{17}H_{19}NO_4$).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
86	1	1	Total	C	N	O	0	0
			22	17	1	4		
86	AR	1	Total	C	N	O	0	0
			22	17	1	4		

- Molecule 87 is GLYCEROL (CCD ID: GOL) (formula: $C_3H_8O_3$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	v	1	Total	C	O	0	0
			6	3	3		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	6	1	Total	C	O	0	0
			6	3	3		
87	AR	1	Total	C	O	0	0
			6	3	3		
87	AR	1	Total	C	O	0	0
			6	3	3		
87	A	1	Total	C	O	0	0
			6	3	3		

- Molecule 88 is ZINC ION (CCD ID: ZN) (formula: Zn).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	AK	1	Total	Zn	0	0
			1	1		
88	AN	1	Total	Zn	0	0
			1	1		
88	AP	1	Total	Zn	0	0
			1	1		
88	AQ	1	Total	Zn	0	0
			1	1		
88	DL	1	Total	Zn	0	0
			1	1		
88	DO	1	Total	Zn	0	0
			1	1		
88	DQ	1	Total	Zn	0	0
			1	1		
88	DR	1	Total	Zn	0	0
			1	1		
88	b	1	Total	Zn	0	0
			1	1		
88	c	1	Total	Zn	0	0
			1	1		
88	e	1	Total	Zn	0	0
			1	1		
88	g	1	Total	Zn	0	0
			1	1		
88	d6	1	Total	Zn	0	0
			1	1		
88	d7	1	Total	Zn	0	0
			1	1		
88	d9	1	Total	Zn	0	0
			1	1		

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	e1	1	Total	Zn	0	0
			1	1		

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

3 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	303.13Å 286.50Å 435.66Å 90.00° 98.87° 90.00°	Depositor
Resolution (Å)	99.84 – 3.10 99.84 – 3.10	Depositor EDS
% Data completeness (in resolution range)	99.5 (99.84-3.10) 99.5 (99.84-3.10)	Depositor EDS
R_{merge}	(Not available)	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.64 (at 3.13Å)	Xtriage
Refinement program	PHENIX dev_2450	Depositor
R, R_{free}	0.222 , 0.252 0.223 , 0.253	Depositor DCC
R_{free} test set	26196 reflections (1.98%)	wwPDB-VP
Wilson B-factor (Å ²)	67.3	Xtriage
Anisotropy	0.134	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.31 , 76.4	EDS
L-test for twinning ²	$\langle L \rangle = 0.49$, $\langle L^2 \rangle = 0.31$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.90	EDS
Total number of atoms	410383	wwPDB-VP
Average B, all atoms (Å ²)	72.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.55% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

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

4 Model quality [i](#)

4.1 Standard geometry [i](#)

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

4.2 Too-close contacts [i](#)

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

4.3 Torsion angles [i](#)

4.3.1 Protein backbone [i](#)

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

4.3.2 Protein sidechains [i](#)

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

4.3.3 RNA [i](#)

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

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

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

4.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

4.6 Ligand geometry [i](#)

Of 2548 ligands modelled in this entry, 1 is modelled with single atom and 1477 are monoatomic - leaving 1070 for Mogul analysis.

In the following table, the Counts columns list the number of bonds (or angles) for which Mogul statistics could be retrieved, the number of bonds (or angles) that are observed in the model and the number of bonds (or angles) that are defined in the Chemical Component Dictionary. The

Link column lists molecule types, if any, to which the group is linked. The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
84	OHX	6	2036	-	0,6,6	-	-	-		
84	OHX	AR	3631	-	0,6,6	-	-	-		
84	OHX	6	2030	-	0,6,6	-	-	-		
84	OHX	A	2040	-	0,6,6	-	-	-		
84	OHX	A	1912	-	0,6,6	-	-	-		
84	OHX	AR	3411	-	0,6,6	-	-	-		
84	OHX	1	3574	-	0,6,6	-	-	-		
84	OHX	1	3598	-	0,6,6	-	-	-		
84	OHX	A	2039	-	0,6,6	-	-	-		
84	OHX	AT	214	-	0,6,6	-	-	-		
84	OHX	1	3472	-	0,6,6	-	-	-		
84	OHX	AR	3690	-	0,6,6	-	-	-		
84	OHX	1	3456	-	0,6,6	-	-	-		
84	OHX	1	3538	-	0,6,6	-	-	-		
84	OHX	AR	3568	-	0,6,6	-	-	-		
84	OHX	A	1979	-	0,6,6	-	-	-		
84	OHX	1	3442	-	0,6,6	-	-	-		
84	OHX	1	3463	-	0,6,6	-	-	-		
84	OHX	A	1953	-	0,6,6	-	-	-		
84	OHX	AR	3650	-	0,6,6	-	-	-		
84	OHX	1	3468	-	0,6,6	-	-	-		
84	OHX	A	1978	-	0,6,6	-	-	-		
84	OHX	1	3421	-	0,6,6	-	-	-		
84	OHX	A	2015	-	0,6,6	-	-	-		
84	OHX	AR	3481	-	0,6,6	-	-	-		
84	OHX	AR	3589	-	0,6,6	-	-	-		
84	OHX	AR	3578	-	0,6,6	-	-	-		
84	OHX	1	3443	-	0,6,6	-	-	-		
84	OHX	AR	3436	-	0,6,6	-	-	-		
84	OHX	AR	3602	-	0,6,6	-	-	-		
84	OHX	AR	3483	-	0,6,6	-	-	-		
84	OHX	6	1986	-	0,6,6	-	-	-		
84	OHX	1	3604	-	0,6,6	-	-	-		
84	OHX	A	2011	-	0,6,6	-	-	-		
84	OHX	AR	3497	-	0,6,6	-	-	-		
84	OHX	1	3660	-	0,6,6	-	-	-		
84	OHX	6	2051	-	0,6,6	-	-	-		
84	OHX	AR	3653	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	1	3631	-	0,6,6	-	-	-		
84	OHX	1	3626	-	0,6,6	-	-	-		
84	OHX	1	3408	-	0,6,6	-	-	-		
84	OHX	1	3475	-	0,6,6	-	-	-		
84	OHX	AR	3571	-	0,6,6	-	-	-		
84	OHX	AR	3582	-	0,6,6	-	-	-		
84	OHX	A	1963	-	0,6,6	-	-	-		
84	OHX	T	201	-	0,6,6	-	-	-		
84	OHX	AR	3414	-	0,6,6	-	-	-		
84	OHX	1	3458	-	0,6,6	-	-	-		
84	OHX	AR	3455	-	0,6,6	-	-	-		
84	OHX	1	3444	-	0,6,6	-	-	-		
84	OHX	A	1968	-	0,6,6	-	-	-		
84	OHX	1	3679	-	0,6,6	-	-	-		
84	OHX	AR	3686	-	0,6,6	-	-	-		
87	GOL	AR	4262	84	5,5,5	0.26	0	5,5,5	0.54	0
84	OHX	AR	3625	-	0,6,6	-	-	-		
84	OHX	A	1994	-	0,6,6	-	-	-		
84	OHX	AR	3416	-	0,6,6	-	-	-		
84	OHX	A	1966	-	0,6,6	-	-	-		
84	OHX	1	3425	-	0,6,6	-	-	-		
84	OHX	AR	3528	-	0,6,6	-	-	-		
84	OHX	AR	3532	-	0,6,6	-	-	-		
84	OHX	1	3520	-	0,6,6	-	-	-		
84	OHX	AR	3712	-	0,6,6	-	-	-		
84	OHX	6	1988	-	0,6,6	-	-	-		
84	OHX	6	2044	-	0,6,6	-	-	-		
84	OHX	1	3644	-	0,6,6	-	-	-		
84	OHX	AR	3474	-	0,6,6	-	-	-		
84	OHX	1	3439	-	0,6,6	-	-	-		
84	OHX	AR	3491	-	0,6,6	-	-	-		
84	OHX	AR	3567	-	0,6,6	-	-	-		
84	OHX	4	209	-	0,6,6	-	-	-		
84	OHX	A	2004	-	0,6,6	-	-	-		
84	OHX	A	1960	-	0,6,6	-	-	-		
84	OHX	1	3417	-	0,6,6	-	-	-		
84	OHX	AR	3473	-	0,6,6	-	-	-		
84	OHX	AR	3700	-	0,6,6	-	-	-		
84	OHX	1	3675	-	0,6,6	-	-	-		
84	OHX	1	3465	-	0,6,6	-	-	-		
84	OHX	A	1955	-	0,6,6	-	-	-		
84	OHX	A	1965	-	0,6,6	-	-	-		
84	OHX	6	1967	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	AR	3556	-	0,6,6	-	-	-		
84	OHX	1	3506	-	0,6,6	-	-	-		
84	OHX	1	3420	-	0,6,6	-	-	-		
84	OHX	1	3691	-	0,6,6	-	-	-		
84	OHX	6	1992	-	0,6,6	-	-	-		
84	OHX	6	2049	-	0,6,6	-	-	-		
84	OHX	AR	3622	-	0,6,6	-	-	-		
84	OHX	A	2019	-	0,6,6	-	-	-		
84	OHX	AR	3633	-	0,6,6	-	-	-		
84	OHX	A	2036	-	0,6,6	-	-	-		
84	OHX	AR	3664	-	0,6,6	-	-	-		
84	OHX	AR	3478	-	0,6,6	-	-	-		
84	OHX	AR	3599	-	0,6,6	-	-	-		
84	OHX	AR	3619	-	0,6,6	-	-	-		
84	OHX	AR	3651	-	0,6,6	-	-	-		
84	OHX	1	3477	-	0,6,6	-	-	-		
84	OHX	6	2011	-	0,6,6	-	-	-		
84	OHX	AR	3730	-	0,6,6	-	-	-		
84	OHX	A	2016	-	0,6,6	-	-	-		
84	OHX	A	2031	-	0,6,6	-	-	-		
84	OHX	6	1982	-	0,6,6	-	-	-		
84	OHX	6	1915	-	0,6,6	-	-	-		
84	OHX	6	2014	-	0,6,6	-	-	-		
84	OHX	AR	3518	-	0,6,6	-	-	-		
84	OHX	6	2012	-	0,6,6	-	-	-		
84	OHX	1	3508	-	0,6,6	-	-	-		
84	OHX	A	1919	-	0,6,6	-	-	-		
84	OHX	6	1929	-	0,6,6	-	-	-		
84	OHX	6	1980	-	0,6,6	-	-	-		
84	OHX	1	3608	-	0,6,6	-	-	-		
84	OHX	6	2042	-	0,6,6	-	-	-		
84	OHX	AR	3698	-	0,6,6	-	-	-		
84	OHX	AR	3735	-	0,6,6	-	-	-		
84	OHX	6	1934	-	0,6,6	-	-	-		
84	OHX	A	1924	-	0,6,6	-	-	-		
84	OHX	1	3667	-	0,6,6	-	-	-		
84	OHX	3	203	-	0,6,6	-	-	-		
84	OHX	6	2020	-	0,6,6	-	-	-		
84	OHX	AR	3741	-	0,6,6	-	-	-		
84	OHX	AS	208	-	0,6,6	-	-	-		
84	OHX	AR	3729	-	0,6,6	-	-	-		
84	OHX	1	3471	-	0,6,6	-	-	-		
84	OHX	4	214	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	A	1916	-	0,6,6	-	-	-		
84	OHX	6	2041	-	0,6,6	-	-	-		
87	GOL	A	2160	-	5,5,5	0.11	0	5,5,5	0.29	0
84	OHX	AR	3515	-	0,6,6	-	-	-		
84	OHX	c1	201	-	0,6,6	-	-	-		
84	OHX	6	2025	-	0,6,6	-	-	-		
84	OHX	1	3544	-	0,6,6	-	-	-		
84	OHX	A	1933	-	0,6,6	-	-	-		
84	OHX	1	3469	-	0,6,6	-	-	-		
84	OHX	1	3580	-	0,6,6	-	-	-		
84	OHX	1	3637	-	0,6,6	-	-	-		
84	OHX	3	208	-	0,6,6	-	-	-		
84	OHX	1	3605	-	0,6,6	-	-	-		
84	OHX	AR	3526	-	0,6,6	-	-	-		
84	OHX	1	3708	-	0,6,6	-	-	-		
84	OHX	AR	3694	-	0,6,6	-	-	-		
84	OHX	AR	3618	-	0,6,6	-	-	-		
84	OHX	6	2045	-	0,6,6	-	-	-		
84	OHX	AR	3718	-	0,6,6	-	-	-		
84	OHX	AR	3469	-	0,6,6	-	-	-		
84	OHX	AR	3612	-	0,6,6	-	-	-		
84	OHX	6	2043	-	0,6,6	-	-	-		
84	OHX	AR	3705	-	0,6,6	-	-	-		
84	OHX	6	1970	-	0,6,6	-	-	-		
84	OHX	AR	3558	-	0,6,6	-	-	-		
84	OHX	AR	3461	-	0,6,6	-	-	-		
84	OHX	AS	201	-	0,6,6	-	-	-		
84	OHX	A	1975	-	0,6,6	-	-	-		
84	OHX	6	1993	-	0,6,6	-	-	-		
84	OHX	1	3702	-	0,6,6	-	-	-		
84	OHX	AR	3446	-	0,6,6	-	-	-		
84	OHX	A	2006	-	0,6,6	-	-	-		
84	OHX	1	3528	-	0,6,6	-	-	-		
84	OHX	6	2021	-	0,6,6	-	-	-		
84	OHX	1	3423	-	0,6,6	-	-	-		
84	OHX	6	2001	-	0,6,6	-	-	-		
84	OHX	AR	3734	-	0,6,6	-	-	-		
84	OHX	AR	3669	-	0,6,6	-	-	-		
84	OHX	1	3583	-	0,6,6	-	-	-		
84	OHX	6	2008	-	0,6,6	-	-	-		
84	OHX	AR	3516	-	0,6,6	-	-	-		
84	OHX	AT	217	-	0,6,6	-	-	-		
84	OHX	1	3591	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	A	1977	-	0,6,6	-	-	-		
84	OHX	AR	3495	-	0,6,6	-	-	-		
84	OHX	1	3564	-	0,6,6	-	-	-		
84	OHX	6	1923	-	0,6,6	-	-	-		
84	OHX	AR	3449	-	0,6,6	-	-	-		
84	OHX	AR	3552	-	0,6,6	-	-	-		
84	OHX	A	2032	-	0,6,6	-	-	-		
84	OHX	6	2052	-	0,6,6	-	-	-		
84	OHX	1	3500	-	0,6,6	-	-	-		
84	OHX	1	3551	-	0,6,6	-	-	-		
84	OHX	3	206	-	0,6,6	-	-	-		
84	OHX	6	2022	-	0,6,6	-	-	-		
84	OHX	AR	3738	-	0,6,6	-	-	-		
84	OHX	1	3559	-	0,6,6	-	-	-		
84	OHX	6	1926	-	0,6,6	-	-	-		
84	OHX	6	2019	-	0,6,6	-	-	-		
84	OHX	AR	3630	-	0,6,6	-	-	-		
84	OHX	1	3552	-	0,6,6	-	-	-		
84	OHX	1	3599	-	0,6,6	-	-	-		
84	OHX	AR	3603	-	0,6,6	-	-	-		
84	OHX	6	1949	-	0,6,6	-	-	-		
84	OHX	1	3639	-	0,6,6	-	-	-		
84	OHX	AT	204	-	0,6,6	-	-	-		
84	OHX	1	3462	-	0,6,6	-	-	-		
84	OHX	1	3517	-	0,6,6	-	-	-		
84	OHX	6	1919	-	0,6,6	-	-	-		
84	OHX	1	3650	-	0,6,6	-	-	-		
84	OHX	1	3501	-	0,6,6	-	-	-		
84	OHX	AR	3413	-	0,6,6	-	-	-		
84	OHX	6	1944	-	0,6,6	-	-	-		
84	OHX	A	1930	-	0,6,6	-	-	-		
84	OHX	6	1997	-	0,6,6	-	-	-		
84	OHX	6	1974	-	0,6,6	-	-	-		
84	OHX	6	1966	-	0,6,6	-	-	-		
84	OHX	c4	201	-	0,6,6	-	-	-		
84	OHX	1	3554	-	0,6,6	-	-	-		
84	OHX	1	3431	-	0,6,6	-	-	-		
84	OHX	A	1908	-	0,6,6	-	-	-		
84	OHX	6	1989	-	0,6,6	-	-	-		
84	OHX	AR	3476	-	0,6,6	-	-	-		
84	OHX	1	3585	-	0,6,6	-	-	-		
84	OHX	c8	201	-	0,6,6	-	-	-		
84	OHX	1	3582	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	AR	3541	-	0,6,6	-	-	-		
86	HN8	1	4223	-	24,26,26	0.29	0	35,41,41	1.04	2 (5%)
84	OHX	4	201	-	0,6,6	-	-	-		
84	OHX	AR	3666	-	0,6,6	-	-	-		
84	OHX	AG	201	-	0,6,6	-	-	-		
84	OHX	A	1921	-	0,6,6	-	-	-		
84	OHX	1	3467	-	0,6,6	-	-	-		
84	OHX	1	3704	-	0,6,6	-	-	-		
84	OHX	6	2048	-	0,6,6	-	-	-		
84	OHX	6	1938	-	0,6,6	-	-	-		
84	OHX	AR	3601	-	0,6,6	-	-	-		
84	OHX	AR	3566	-	0,6,6	-	-	-		
84	OHX	A	1981	-	0,6,6	-	-	-		
84	OHX	AR	3430	-	0,6,6	-	-	-		
84	OHX	AR	3706	-	0,6,6	-	-	-		
84	OHX	6	1940	-	0,6,6	-	-	-		
84	OHX	1	3666	-	0,6,6	-	-	-		
84	OHX	6	2027	-	0,6,6	-	-	-		
84	OHX	1	3487	-	0,6,6	-	-	-		
84	OHX	AR	3450	-	0,6,6	-	-	-		
84	OHX	AR	3597	-	0,6,6	-	-	-		
84	OHX	A	1985	-	0,6,6	-	-	-		
84	OHX	1	3674	-	0,6,6	-	-	-		
84	OHX	6	1946	-	0,6,6	-	-	-		
84	OHX	6	1978	-	0,6,6	-	-	-		
84	OHX	AR	3420	-	0,6,6	-	-	-		
84	OHX	A	1947	-	0,6,6	-	-	-		
84	OHX	1	3511	-	0,6,6	-	-	-		
84	OHX	AR	3629	-	0,6,6	-	-	-		
84	OHX	AR	3477	84	0,6,6	-	-	-		
84	OHX	A	1949	-	0,6,6	-	-	-		
84	OHX	A	1971	-	0,6,6	-	-	-		
84	OHX	AT	216	-	0,6,6	-	-	-		
84	OHX	A	2038	-	0,6,6	-	-	-		
84	OHX	AS	207	-	0,6,6	-	-	-		
84	OHX	A	1902	-	0,6,6	-	-	-		
84	OHX	AR	3605	-	0,6,6	-	-	-		
84	OHX	1	3527	-	0,6,6	-	-	-		
84	OHX	4	206	-	0,6,6	-	-	-		
84	OHX	1	3568	-	0,6,6	-	-	-		
84	OHX	AR	3676	-	0,6,6	-	-	-		
84	OHX	CF	401	-	0,6,6	-	-	-		
84	OHX	6	1996	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	1	3422	-	0,6,6	-	-	-		
84	OHX	AR	3431	-	0,6,6	-	-	-		
84	OHX	AR	3530	-	0,6,6	-	-	-		
84	OHX	AR	3494	-	0,6,6	-	-	-		
84	OHX	1	3707	-	0,6,6	-	-	-		
84	OHX	A	1972	-	0,6,6	-	-	-		
84	OHX	A	1934	-	0,6,6	-	-	-		
84	OHX	1	3542	-	0,6,6	-	-	-		
84	OHX	AR	3447	-	0,6,6	-	-	-		
84	OHX	AR	3525	-	0,6,6	-	-	-		
84	OHX	AR	3617	-	0,6,6	-	-	-		
84	OHX	AR	3744	-	0,6,6	-	-	-		
84	OHX	AT	210	-	0,6,6	-	-	-		
84	OHX	6	1969	-	0,6,6	-	-	-		
84	OHX	A	1964	-	0,6,6	-	-	-		
84	OHX	6	2026	-	0,6,6	-	-	-		
84	OHX	2	201	-	0,6,6	-	-	-		
84	OHX	AR	3665	-	0,6,6	-	-	-		
84	OHX	A	1944	-	0,6,6	-	-	-		
84	OHX	AR	3546	-	0,6,6	-	-	-		
84	OHX	AR	3464	-	0,6,6	-	-	-		
84	OHX	1	3550	-	0,6,6	-	-	-		
84	OHX	AR	3623	-	0,6,6	-	-	-		
84	OHX	6	2000	-	0,6,6	-	-	-		
84	OHX	AR	3598	-	0,6,6	-	-	-		
84	OHX	AR	3441	-	0,6,6	-	-	-		
84	OHX	6	1941	-	0,6,6	-	-	-		
84	OHX	1	3482	-	0,6,6	-	-	-		
84	OHX	1	3489	-	0,6,6	-	-	-		
84	OHX	1	3536	-	0,6,6	-	-	-		
84	OHX	6	1957	-	0,6,6	-	-	-		
84	OHX	1	3714	-	0,6,6	-	-	-		
84	OHX	AR	3544	-	0,6,6	-	-	-		
84	OHX	AR	3627	-	0,6,6	-	-	-		
84	OHX	AR	3557	-	0,6,6	-	-	-		
84	OHX	1	3547	-	0,6,6	-	-	-		
84	OHX	A	1973	-	0,6,6	-	-	-		
84	OHX	1	3419	-	0,6,6	-	-	-		
84	OHX	A	1989	-	0,6,6	-	-	-		
84	OHX	1	3532	-	0,6,6	-	-	-		
84	OHX	1	3717	-	0,6,6	-	-	-		
84	OHX	1	3712	-	0,6,6	-	-	-		
84	OHX	CL	301	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	1	3529	-	0,6,6	-	-	-		
84	OHX	AR	3574	-	0,6,6	-	-	-		
84	OHX	3	202	-	0,6,6	-	-	-		
84	OHX	A	1948	-	0,6,6	-	-	-		
84	OHX	1	3711	-	0,6,6	-	-	-		
84	OHX	6	1979	-	0,6,6	-	-	-		
84	OHX	AR	3534	-	0,6,6	-	-	-		
84	OHX	6	1995	-	0,6,6	-	-	-		
84	OHX	AR	3594	-	0,6,6	-	-	-		
84	OHX	A	1927	-	0,6,6	-	-	-		
84	OHX	1	3453	-	0,6,6	-	-	-		
84	OHX	6	1953	-	0,6,6	-	-	-		
84	OHX	AR	3671	-	0,6,6	-	-	-		
84	OHX	CM	201	-	0,6,6	-	-	-		
84	OHX	6	1912	-	0,6,6	-	-	-		
84	OHX	6	1925	-	0,6,6	-	-	-		
84	OHX	AR	3736	-	0,6,6	-	-	-		
84	OHX	6	2015	-	0,6,6	-	-	-		
84	OHX	AR	3687	-	0,6,6	-	-	-		
84	OHX	AR	3403	-	0,6,6	-	-	-		
84	OHX	1	3543	-	0,6,6	-	-	-		
84	OHX	1	3481	-	0,6,6	-	-	-		
84	OHX	1	3696	-	0,6,6	-	-	-		
84	OHX	A	1970	-	0,6,6	-	-	-		
84	OHX	6	1968	-	0,6,6	-	-	-		
84	OHX	A	2030	-	0,6,6	-	-	-		
84	OHX	1	3628	-	0,6,6	-	-	-		
84	OHX	AR	3593	-	0,6,6	-	-	-		
84	OHX	A	1951	-	0,6,6	-	-	-		
84	OHX	1	3451	-	0,6,6	-	-	-		
84	OHX	A	1913	-	0,6,6	-	-	-		
84	OHX	AR	3545	-	0,6,6	-	-	-		
84	OHX	A	2021	-	0,6,6	-	-	-		
84	OHX	1	3452	-	0,6,6	-	-	-		
84	OHX	1	3587	-	0,6,6	-	-	-		
84	OHX	AR	3555	-	0,6,6	-	-	-		
84	OHX	AR	3621	-	0,6,6	-	-	-		
84	OHX	h	401	-	0,6,6	-	-	-		
84	OHX	AR	3699	-	0,6,6	-	-	-		
84	OHX	AR	3703	-	0,6,6	-	-	-		
84	OHX	A	1901	-	0,6,6	-	-	-		
84	OHX	1	3473	-	0,6,6	-	-	-		
84	OHX	AR	3513	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	AR	3437	-	0,6,6	-	-	-		
84	OHX	A	1907	-	0,6,6	-	-	-		
84	OHX	AR	3575	-	0,6,6	-	-	-		
84	OHX	1	3600	-	0,6,6	-	-	-		
84	OHX	6	1994	-	0,6,6	-	-	-		
84	OHX	6	1964	-	0,6,6	-	-	-		
84	OHX	A	1926	-	0,6,6	-	-	-		
84	OHX	AR	3484	-	0,6,6	-	-	-		
84	OHX	v	301	-	0,6,6	-	-	-		
84	OHX	1	3578	-	0,6,6	-	-	-		
84	OHX	1	3642	-	0,6,6	-	-	-		
84	OHX	AR	3644	-	0,6,6	-	-	-		
84	OHX	1	3492	-	0,6,6	-	-	-		
84	OHX	AR	3462	-	0,6,6	-	-	-		
84	OHX	6	1936	-	0,6,6	-	-	-		
84	OHX	1	3504	-	0,6,6	-	-	-		
84	OHX	A	1984	-	0,6,6	-	-	-		
84	OHX	1	3565	-	0,6,6	-	-	-		
84	OHX	AR	3407	-	0,6,6	-	-	-		
84	OHX	AR	3720	-	0,6,6	-	-	-		
84	OHX	AS	204	-	0,6,6	-	-	-		
84	OHX	1	3664	-	0,6,6	-	-	-		
84	OHX	1	3657	-	0,6,6	-	-	-		
84	OHX	3	205	-	0,6,6	-	-	-		
84	OHX	AR	3503	-	0,6,6	-	-	-		
84	OHX	6	1933	-	0,6,6	-	-	-		
84	OHX	4	210	-	0,6,6	-	-	-		
84	OHX	AR	3590	-	0,6,6	-	-	-		
84	OHX	1	3640	-	0,6,6	-	-	-		
84	OHX	6	2023	-	0,6,6	-	-	-		
84	OHX	1	3567	-	0,6,6	-	-	-		
84	OHX	A	2002	-	0,6,6	-	-	-		
84	OHX	AR	3560	-	0,6,6	-	-	-		
84	OHX	6	1906	-	0,6,6	-	-	-		
84	OHX	6	1942	-	0,6,6	-	-	-		
84	OHX	1	3700	-	0,6,6	-	-	-		
84	OHX	AR	3409	-	0,6,6	-	-	-		
84	OHX	AR	3680	-	0,6,6	-	-	-		
84	OHX	6	1961	-	0,6,6	-	-	-		
84	OHX	AR	3600	-	0,6,6	-	-	-		
84	OHX	1	3693	-	0,6,6	-	-	-		
84	OHX	AR	3711	-	0,6,6	-	-	-		
84	OHX	A	1976	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	AR	3527	-	0,6,6	-	-	-		
84	OHX	AR	3684	-	0,6,6	-	-	-		
84	OHX	A	1928	-	0,6,6	-	-	-		
84	OHX	1	3546	-	0,6,6	-	-	-		
84	OHX	1	3654	-	0,6,6	-	-	-		
84	OHX	1	3445	-	0,6,6	-	-	-		
84	OHX	AR	3404	-	0,6,6	-	-	-		
84	OHX	AR	3606	-	0,6,6	-	-	-		
84	OHX	AR	3607	-	0,6,6	-	-	-		
84	OHX	AR	3661	-	0,6,6	-	-	-		
84	OHX	AR	3643	-	0,6,6	-	-	-		
84	OHX	1	3558	-	0,6,6	-	-	-		
84	OHX	AR	3732	-	0,6,6	-	-	-		
84	OHX	6	2033	-	0,6,6	-	-	-		
84	OHX	AR	3710	-	0,6,6	-	-	-		
84	OHX	1	3409	-	0,6,6	-	-	-		
84	OHX	6	1931	-	0,6,6	-	-	-		
84	OHX	AR	3652	-	0,6,6	-	-	-		
84	OHX	6	1955	-	0,6,6	-	-	-		
84	OHX	AR	3553	-	0,6,6	-	-	-		
84	OHX	AR	3562	-	0,6,6	-	-	-		
84	OHX	1	3697	84	0,6,6	-	-	-		
84	OHX	AR	3584	-	0,6,6	-	-	-		
84	OHX	6	1920	-	0,6,6	-	-	-		
84	OHX	s8	301	-	0,6,6	-	-	-		
84	OHX	1	3495	-	0,6,6	-	-	-		
84	OHX	1	3648	-	0,6,6	-	-	-		
84	OHX	1	3449	-	0,6,6	-	-	-		
84	OHX	6	1922	-	0,6,6	-	-	-		
84	OHX	1	3593	-	0,6,6	-	-	-		
84	OHX	1	3641	-	0,6,6	-	-	-		
84	OHX	AR	3401	-	0,6,6	-	-	-		
84	OHX	A	1915	-	0,6,6	-	-	-		
84	OHX	AP	502	-	0,6,6	-	-	-		
84	OHX	K	201	-	0,6,6	-	-	-		
84	OHX	1	3455	-	0,6,6	-	-	-		
84	OHX	AR	3435	-	0,6,6	-	-	-		
84	OHX	AR	3634	-	0,6,6	-	-	-		
84	OHX	1	3670	-	0,6,6	-	-	-		
84	OHX	A	1939	-	0,6,6	-	-	-		
84	OHX	AR	3596	-	0,6,6	-	-	-		
84	OHX	AR	3425	-	0,6,6	-	-	-		
84	OHX	1	3507	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	AR	3512	-	0,6,6	-	-	-		
84	OHX	6	1924	-	0,6,6	-	-	-		
84	OHX	6	1943	-	0,6,6	-	-	-		
84	OHX	A	1998	-	0,6,6	-	-	-		
84	OHX	AR	3681	-	0,6,6	-	-	-		
84	OHX	A	2034	-	0,6,6	-	-	-		
84	OHX	1	3581	-	0,6,6	-	-	-		
84	OHX	AR	3542	-	0,6,6	-	-	-		
84	OHX	1	3653	-	0,6,6	-	-	-		
84	OHX	k	401	-	0,6,6	-	-	-		
84	OHX	AR	3439	-	0,6,6	-	-	-		
84	OHX	1	3634	-	0,6,6	-	-	-		
84	OHX	1	3658	-	0,6,6	-	-	-		
84	OHX	AR	3501	-	0,6,6	-	-	-		
84	OHX	AR	3646	-	0,6,6	-	-	-		
84	OHX	A	1903	-	0,6,6	-	-	-		
84	OHX	AR	3432	-	0,6,6	-	-	-		
84	OHX	c3	201	-	0,6,6	-	-	-		
84	OHX	1	3476	-	0,6,6	-	-	-		
84	OHX	6	1960	-	0,6,6	-	-	-		
84	OHX	AR	3519	-	0,6,6	-	-	-		
84	OHX	1	3530	-	0,6,6	-	-	-		
84	OHX	6	1975	-	0,6,6	-	-	-		
84	OHX	AR	3641	-	0,6,6	-	-	-		
84	OHX	A	1942	-	0,6,6	-	-	-		
84	OHX	AR	3692	-	0,6,6	-	-	-		
84	OHX	1	3446	-	0,6,6	-	-	-		
84	OHX	AR	3691	-	0,6,6	-	-	-		
84	OHX	6	1965	-	0,6,6	-	-	-		
84	OHX	1	3411	-	0,6,6	-	-	-		
84	OHX	1	3548	-	0,6,6	-	-	-		
84	OHX	AR	3453	-	0,6,6	-	-	-		
84	OHX	1	3622	-	0,6,6	-	-	-		
84	OHX	AT	208	-	0,6,6	-	-	-		
84	OHX	AR	3440	-	0,6,6	-	-	-		
84	OHX	6	2031	-	0,6,6	-	-	-		
84	OHX	6	2009	-	0,6,6	-	-	-		
84	OHX	4	208	-	0,6,6	-	-	-		
84	OHX	6	2016	-	0,6,6	-	-	-		
84	OHX	6	1913	-	0,6,6	-	-	-		
84	OHX	AR	3488	-	0,6,6	-	-	-		
84	OHX	AR	3508	-	0,6,6	-	-	-		
84	OHX	A	2017	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	AR	3577	-	0,6,6	-	-	-		
84	OHX	AR	3663	-	0,6,6	-	-	-		
84	OHX	1	3597	-	0,6,6	-	-	-		
84	OHX	1	3450	-	0,6,6	-	-	-		
84	OHX	AR	3402	-	0,6,6	-	-	-		
84	OHX	AR	3683	-	0,6,6	-	-	-		
84	OHX	1	3601	-	0,6,6	-	-	-		
84	OHX	AR	3417	-	0,6,6	-	-	-		
84	OHX	AR	3433	-	0,6,6	-	-	-		
84	OHX	AR	3628	-	0,6,6	-	-	-		
84	OHX	A	1920	-	0,6,6	-	-	-		
84	OHX	A	1938	-	0,6,6	-	-	-		
84	OHX	AR	3679	-	0,6,6	-	-	-		
84	OHX	AR	3521	-	0,6,6	-	-	-		
84	OHX	AR	3701	-	0,6,6	-	-	-		
84	OHX	6	2032	-	0,6,6	-	-	-		
84	OHX	AS	211	-	0,6,6	-	-	-		
84	OHX	4	216	-	0,6,6	-	-	-		
84	OHX	AR	3463	-	0,6,6	-	-	-		
84	OHX	1	3490	-	0,6,6	-	-	-		
84	OHX	A	1974	-	0,6,6	-	-	-		
84	OHX	1	3563	-	0,6,6	-	-	-		
84	OHX	1	3687	-	0,6,6	-	-	-		
84	OHX	AR	3438	-	0,6,6	-	-	-		
84	OHX	1	3522	-	0,6,6	-	-	-		
84	OHX	1	3430	-	0,6,6	-	-	-		
84	OHX	1	3414	-	0,6,6	-	-	-		
84	OHX	6	1984	-	0,6,6	-	-	-		
84	OHX	AR	3421	-	0,6,6	-	-	-		
84	OHX	1	3524	-	0,6,6	-	-	-		
84	OHX	AR	3465	-	0,6,6	-	-	-		
84	OHX	AR	3529	-	0,6,6	-	-	-		
84	OHX	AR	3572	-	0,6,6	-	-	-		
84	OHX	AR	3585	-	0,6,6	-	-	-		
84	OHX	6	2047	-	0,6,6	-	-	-		
84	OHX	AC	101	-	0,6,6	-	-	-		
84	OHX	AR	3739	-	0,6,6	-	-	-		
84	OHX	AR	3498	-	0,6,6	-	-	-		
84	OHX	AR	3576	-	0,6,6	-	-	-		
84	OHX	AR	3635	-	0,6,6	-	-	-		
84	OHX	A	1936	-	0,6,6	-	-	-		
84	OHX	AR	3523	-	0,6,6	-	-	-		
84	OHX	AT	211	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	A	2043	-	0,6,6	-	-	-		
84	OHX	1	3576	-	0,6,6	-	-	-		
84	OHX	AR	3538	-	0,6,6	-	-	-		
84	OHX	1	3513	-	0,6,6	-	-	-		
84	OHX	6	1921	-	0,6,6	-	-	-		
84	OHX	1	3441	-	0,6,6	-	-	-		
84	OHX	4	211	-	0,6,6	-	-	-		
84	OHX	AR	3579	-	0,6,6	-	-	-		
84	OHX	1	3692	-	0,6,6	-	-	-		
84	OHX	1	3636	-	0,6,6	-	-	-		
84	OHX	6	1908	-	0,6,6	-	-	-		
84	OHX	AR	3688	-	0,6,6	-	-	-		
84	OHX	1	3718	-	0,6,6	-	-	-		
84	OHX	1	3545	-	0,6,6	-	-	-		
84	OHX	AR	3479	-	0,6,6	-	-	-		
84	OHX	AR	3442	-	0,6,6	-	-	-		
84	OHX	A	1906	-	0,6,6	-	-	-		
84	OHX	1	3534	-	0,6,6	-	-	-		
84	OHX	1	3579	-	0,6,6	-	-	-		
84	OHX	1	3706	-	0,6,6	-	-	-		
84	OHX	AR	3689	-	0,6,6	-	-	-		
84	OHX	AR	3511	-	0,6,6	-	-	-		
84	OHX	1	3549	-	0,6,6	-	-	-		
84	OHX	1	3671	-	0,6,6	-	-	-		
84	OHX	AR	3426	-	0,6,6	-	-	-		
84	OHX	1	3662	-	0,6,6	-	-	-		
84	OHX	A	1991	-	0,6,6	-	-	-		
84	OHX	AR	3443	-	0,6,6	-	-	-		
84	OHX	6	2050	-	0,6,6	-	-	-		
84	OHX	A	1967	-	0,6,6	-	-	-		
84	OHX	1	3629	-	0,6,6	-	-	-		
84	OHX	1	3586	-	0,6,6	-	-	-		
84	OHX	AR	3608	-	0,6,6	-	-	-		
84	OHX	6	1971	-	0,6,6	-	-	-		
84	OHX	4	205	-	0,6,6	-	-	-		
84	OHX	AR	3624	-	0,6,6	-	-	-		
84	OHX	A	1909	-	0,6,6	-	-	-		
84	OHX	6	1985	-	0,6,6	-	-	-		
84	OHX	A	1987	-	0,6,6	-	-	-		
84	OHX	AR	3514	-	0,6,6	-	-	-		
84	OHX	6	1977	-	0,6,6	-	-	-		
84	OHX	1	3595	-	0,6,6	-	-	-		
84	OHX	AR	3658	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	1	3588	-	0,6,6	-	-	-		
84	OHX	1	3570	-	0,6,6	-	-	-		
84	OHX	6	1999	-	0,6,6	-	-	-		
84	OHX	AR	3561	-	0,6,6	-	-	-		
84	OHX	AR	3444	-	0,6,6	-	-	-		
84	OHX	AR	3728	-	0,6,6	-	-	-		
84	OHX	6	1963	-	0,6,6	-	-	-		
84	OHX	1	3682	-	0,6,6	-	-	-		
84	OHX	1	3624	-	0,6,6	-	-	-		
84	OHX	1	3703	-	0,6,6	-	-	-		
84	OHX	6	1901	-	0,6,6	-	-	-		
84	OHX	A	2041	-	0,6,6	-	-	-		
84	OHX	1	3539	84	0,6,6	-	-	-		
84	OHX	6	1952	-	0,6,6	-	-	-		
84	OHX	AR	3615	-	0,6,6	-	-	-		
84	OHX	AR	3677	-	0,6,6	-	-	-		
84	OHX	AR	3415	-	0,6,6	-	-	-		
84	OHX	x	201	-	0,6,6	-	-	-		
84	OHX	6	2006	-	0,6,6	-	-	-		
84	OHX	1	3484	-	0,6,6	-	-	-		
84	OHX	6	2013	-	0,6,6	-	-	-		
84	OHX	A	1988	-	0,6,6	-	-	-		
84	OHX	1	3515	-	0,6,6	-	-	-		
84	OHX	AR	3507	-	0,6,6	-	-	-		
84	OHX	6	1954	-	0,6,6	-	-	-		
84	OHX	AR	3611	-	0,6,6	-	-	-		
84	OHX	1	3677	-	0,6,6	-	-	-		
84	OHX	6	2028	-	0,6,6	-	-	-		
84	OHX	AR	3581	-	0,6,6	-	-	-		
86	HN8	AR	4263	-	24,26,26	0.30	0	35,41,41	1.59	4 (11%)
84	OHX	AR	3740	-	0,6,6	-	-	-		
84	OHX	6	2038	-	0,6,6	-	-	-		
84	OHX	1	3537	-	0,6,6	-	-	-		
84	OHX	1	3437	-	0,6,6	-	-	-		
84	OHX	1	3418	-	0,6,6	-	-	-		
84	OHX	1	3575	-	0,6,6	-	-	-		
84	OHX	1	3611	-	0,6,6	-	-	-		
84	OHX	AR	3673	-	0,6,6	-	-	-		
84	OHX	1	3590	-	0,6,6	-	-	-		
84	OHX	AR	3502	-	0,6,6	-	-	-		
84	OHX	AR	3509	-	0,6,6	-	-	-		
84	OHX	Q	201	-	0,6,6	-	-	-		
84	OHX	AR	3506	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	A	1918	-	0,6,6	-	-	-		
84	OHX	1	3412	-	0,6,6	-	-	-		
84	OHX	A	2010	-	0,6,6	-	-	-		
84	OHX	AR	3468	-	0,6,6	-	-	-		
84	OHX	1	3474	-	0,6,6	-	-	-		
84	OHX	1	3523	-	0,6,6	-	-	-		
84	OHX	AR	3487	-	0,6,6	-	-	-		
84	OHX	1	3448	-	0,6,6	-	-	-		
84	OHX	AR	3540	-	0,6,6	-	-	-		
84	OHX	A	1956	-	0,6,6	-	-	-		
84	OHX	1	3485	-	0,6,6	-	-	-		
84	OHX	AR	3406	-	0,6,6	-	-	-		
84	OHX	AR	3504	-	0,6,6	-	-	-		
84	OHX	1	3606	-	0,6,6	-	-	-		
84	OHX	AR	3533	-	0,6,6	-	-	-		
84	OHX	6	1959	-	0,6,6	-	-	-		
84	OHX	A	1932	-	0,6,6	-	-	-		
84	OHX	AR	3559	-	0,6,6	-	-	-		
84	OHX	1	3406	-	0,6,6	-	-	-		
84	OHX	AR	3445	-	0,6,6	-	-	-		
84	OHX	1	3556	-	0,6,6	-	-	-		
84	OHX	6	2018	-	0,6,6	-	-	-		
84	OHX	AR	3613	-	0,6,6	-	-	-		
84	OHX	AR	3610	-	0,6,6	-	-	-		
84	OHX	1	3571	-	0,6,6	-	-	-		
84	OHX	A	2009	-	0,6,6	-	-	-		
84	OHX	1	3479	-	0,6,6	-	-	-		
84	OHX	1	3519	-	0,6,6	-	-	-		
84	OHX	AR	3452	-	0,6,6	-	-	-		
84	OHX	AR	3457	-	0,6,6	-	-	-		
84	OHX	CF	402	-	0,6,6	-	-	-		
84	OHX	AR	3535	-	0,6,6	-	-	-		
84	OHX	1	3531	-	0,6,6	-	-	-		
84	OHX	6	2007	-	0,6,6	-	-	-		
84	OHX	AR	3721	-	0,6,6	-	-	-		
84	OHX	AR	3667	-	0,6,6	-	-	-		
84	OHX	1	3436	-	0,6,6	-	-	-		
84	OHX	6	1991	-	0,6,6	-	-	-		
84	OHX	AT	207	-	0,6,6	-	-	-		
84	OHX	A	2035	-	0,6,6	-	-	-		
84	OHX	A	2037	-	0,6,6	-	-	-		
84	OHX	AR	3722	-	0,6,6	-	-	-		
84	OHX	A	1997	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	4	207	-	0,6,6	-	-	-		
84	OHX	6	1910	-	0,6,6	-	-	-		
84	OHX	1	3401	-	0,6,6	-	-	-		
84	OHX	AR	3427	-	0,6,6	-	-	-		
84	OHX	1	3407	-	0,6,6	-	-	-		
84	OHX	A	1945	-	0,6,6	-	-	-		
84	OHX	AR	3522	-	0,6,6	-	-	-		
84	OHX	A	1917	-	0,6,6	-	-	-		
84	OHX	1	3503	-	0,6,6	-	-	-		
84	OHX	AR	3580	-	0,6,6	-	-	-		
84	OHX	1	3596	-	0,6,6	-	-	-		
84	OHX	6	1911	-	0,6,6	-	-	-		
84	OHX	AR	3569	-	0,6,6	-	-	-		
84	OHX	6	1973	-	0,6,6	-	-	-		
84	OHX	1	3460	-	0,6,6	-	-	-		
84	OHX	AR	3709	-	0,6,6	-	-	-		
84	OHX	1	3569	-	0,6,6	-	-	-		
84	OHX	6	1903	-	0,6,6	-	-	-		
84	OHX	1	3720	-	0,6,6	-	-	-		
84	OHX	6	2010	-	0,6,6	-	-	-		
84	OHX	A	2005	-	0,6,6	-	-	-		
84	OHX	AK	102	-	0,6,6	-	-	-		
84	OHX	1	3656	-	0,6,6	-	-	-		
84	OHX	1	3724	-	0,6,6	-	-	-		
84	OHX	6	2039	-	0,6,6	-	-	-		
84	OHX	1	3655	-	0,6,6	-	-	-		
84	OHX	1	3464	-	0,6,6	-	-	-		
84	OHX	1	3643	-	0,6,6	-	-	-		
84	OHX	AR	3678	-	0,6,6	-	-	-		
84	OHX	6	1935	-	0,6,6	-	-	-		
84	OHX	6	2040	-	0,6,6	-	-	-		
84	OHX	1	3618	-	0,6,6	-	-	-		
84	OHX	AS	210	-	0,6,6	-	-	-		
84	OHX	AR	3428	-	0,6,6	-	-	-		
84	OHX	6	2046	-	0,6,6	-	-	-		
84	OHX	AR	3500	-	0,6,6	-	-	-		
84	OHX	1	3632	-	0,6,6	-	-	-		
84	OHX	A	1962	-	0,6,6	-	-	-		
84	OHX	1	3719	-	0,6,6	-	-	-		
84	OHX	AR	3486	-	0,6,6	-	-	-		
84	OHX	AR	3586	-	0,6,6	-	-	-		
84	OHX	A	1996	-	0,6,6	-	-	-		
84	OHX	1	3577	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	1	3663	-	0,6,6	-	-	-		
84	OHX	A	1946	-	0,6,6	-	-	-		
84	OHX	A	2014	-	0,6,6	-	-	-		
84	OHX	AR	3639	-	0,6,6	-	-	-		
84	OHX	1	3683	-	0,6,6	-	-	-		
84	OHX	1	3649	-	0,6,6	-	-	-		
84	OHX	AR	3408	-	0,6,6	-	-	-		
84	OHX	A	2003	-	0,6,6	-	-	-		
84	OHX	1	3518	-	0,6,6	-	-	-		
84	OHX	1	3521	-	0,6,6	-	-	-		
84	OHX	A	1999	-	0,6,6	-	-	-		
84	OHX	1	3553	-	0,6,6	-	-	-		
84	OHX	1	3512	-	0,6,6	-	-	-		
84	OHX	AR	3614	-	0,6,6	-	-	-		
84	OHX	A	1904	-	0,6,6	-	-	-		
84	OHX	AR	3496	-	0,6,6	-	-	-		
84	OHX	1	3709	-	0,6,6	-	-	-		
84	OHX	AR	3536	-	0,6,6	-	-	-		
84	OHX	1	3494	-	0,6,6	-	-	-		
84	OHX	1	3698	-	0,6,6	-	-	-		
84	OHX	AR	3647	-	0,6,6	-	-	-		
84	OHX	A	1914	-	0,6,6	-	-	-		
84	OHX	A	1952	-	0,6,6	-	-	-		
84	OHX	AR	3655	-	0,6,6	-	-	-		
84	OHX	AR	3737	-	0,6,6	-	-	-		
84	OHX	A	1958	-	0,6,6	-	-	-		
84	OHX	CV	201	-	0,6,6	-	-	-		
84	OHX	A	2013	-	0,6,6	-	-	-		
84	OHX	6	1998	-	0,6,6	-	-	-		
84	OHX	6	2034	-	0,6,6	-	-	-		
84	OHX	6	1983	-	0,6,6	-	-	-		
84	OHX	A	1910	-	0,6,6	-	-	-		
84	OHX	A	1954	-	0,6,6	-	-	-		
84	OHX	1	3635	-	0,6,6	-	-	-		
84	OHX	AR	3454	-	0,6,6	-	-	-		
84	OHX	1	3505	-	0,6,6	-	-	-		
84	OHX	AR	3537	-	0,6,6	-	-	-		
84	OHX	AR	3470	-	0,6,6	-	-	-		
84	OHX	AR	3543	-	0,6,6	-	-	-		
84	OHX	J	301	-	0,6,6	-	-	-		
84	OHX	3	207	-	0,6,6	-	-	-		
84	OHX	A	1957	-	0,6,6	-	-	-		
84	OHX	3	204	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	AR	3429	-	0,6,6	-	-	-		
84	OHX	CX	202	-	0,6,6	-	-	-		
84	OHX	6	1928	-	0,6,6	-	-	-		
84	OHX	1	3672	-	0,6,6	-	-	-		
84	OHX	1	3510	-	0,6,6	-	-	-		
84	OHX	AR	3434	-	0,6,6	-	-	-		
84	OHX	6	1962	-	0,6,6	-	-	-		
84	OHX	AR	3697	-	0,6,6	-	-	-		
84	OHX	AR	3682	-	0,6,6	-	-	-		
84	OHX	AR	3727	-	0,6,6	-	-	-		
84	OHX	1	3461	-	0,6,6	-	-	-		
84	OHX	1	3689	-	0,6,6	-	-	-		
84	OHX	AR	3475	-	0,6,6	-	-	-		
84	OHX	A	1922	-	0,6,6	-	-	-		
84	OHX	AR	3724	-	0,6,6	-	-	-		
84	OHX	AR	3520	-	0,6,6	-	-	-		
84	OHX	A	2008	-	0,6,6	-	-	-		
84	OHX	1	3645	-	0,6,6	-	-	-		
84	OHX	AR	3716	-	0,6,6	-	-	-		
84	OHX	1	3566	-	0,6,6	-	-	-		
84	OHX	AR	3424	-	0,6,6	-	-	-		
84	OHX	6	1905	-	0,6,6	-	-	-		
84	OHX	6	2017	-	0,6,6	-	-	-		
84	OHX	AR	3713	-	0,6,6	-	-	-		
84	OHX	1	3429	-	0,6,6	-	-	-		
84	OHX	1	3669	-	0,6,6	-	-	-		
84	OHX	AR	3604	-	0,6,6	-	-	-		
84	OHX	1	3619	-	0,6,6	-	-	-		
84	OHX	1	3668	-	0,6,6	-	-	-		
84	OHX	AR	3493	-	0,6,6	-	-	-		
84	OHX	AR	3531	-	0,6,6	-	-	-		
84	OHX	1	3661	-	0,6,6	-	-	-		
84	OHX	AR	3696	84	0,6,6	-	-	-		
84	OHX	AR	3592	-	0,6,6	-	-	-		
84	OHX	6	1972	-	0,6,6	-	-	-		
84	OHX	AR	3563	-	0,6,6	-	-	-		
84	OHX	1	3497	-	0,6,6	-	-	-		
84	OHX	AT	212	-	0,6,6	-	-	-		
84	OHX	1	3498	-	0,6,6	-	-	-		
84	OHX	1	3491	-	0,6,6	-	-	-		
84	OHX	1	3466	-	0,6,6	-	-	-		
84	OHX	1	3603	-	0,6,6	-	-	-		
84	OHX	4	212	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	AR	3547	-	0,6,6	-	-	-		
84	OHX	O	201	-	0,6,6	-	-	-		
84	OHX	AR	3482	-	0,6,6	-	-	-		
84	OHX	1	3621	-	0,6,6	-	-	-		
84	OHX	AS	203	-	0,6,6	-	-	-		
84	OHX	AR	3539	-	0,6,6	-	-	-		
84	OHX	1	3493	-	0,6,6	-	-	-		
84	OHX	1	3620	-	0,6,6	-	-	-		
84	OHX	A	1990	-	0,6,6	-	-	-		
84	OHX	AH	201	-	0,6,6	-	-	-		
84	OHX	c5	201	-	0,6,6	-	-	-		
84	OHX	1	3646	-	0,6,6	-	-	-		
84	OHX	1	3686	-	0,6,6	-	-	-		
84	OHX	CE	402	-	0,6,6	-	-	-		
84	OHX	AR	3423	-	0,6,6	-	-	-		
84	OHX	1	3413	-	0,6,6	-	-	-		
84	OHX	DH	201	-	0,6,6	-	-	-		
84	OHX	1	3572	-	0,6,6	-	-	-		
84	OHX	A	1983	-	0,6,6	-	-	-		
84	OHX	6	1976	-	0,6,6	-	-	-		
84	OHX	1	3647	-	0,6,6	-	-	-		
84	OHX	6	1937	-	0,6,6	-	-	-		
84	OHX	AR	3714	-	0,6,6	-	-	-		
84	OHX	1	3502	-	0,6,6	-	-	-		
84	OHX	AT	203	-	0,6,6	-	-	-		
84	OHX	6	1958	-	0,6,6	-	-	-		
84	OHX	A	1931	-	0,6,6	-	-	-		
84	OHX	AR	3451	-	0,6,6	-	-	-		
84	OHX	1	3426	-	0,6,6	-	-	-		
84	OHX	AR	3549	-	0,6,6	-	-	-		
84	OHX	1	3694	-	0,6,6	-	-	-		
84	OHX	4	203	-	0,6,6	-	-	-		
84	OHX	AR	3412	-	0,6,6	-	-	-		
87	GOL	AR	4261	1	5,5,5	0.14	0	5,5,5	0.34	0
84	OHX	AR	3456	-	0,6,6	-	-	-		
84	OHX	1	3488	-	0,6,6	-	-	-		
84	OHX	AR	3499	-	0,6,6	-	-	-		
84	OHX	AR	3648	-	0,6,6	-	-	-		
84	OHX	AR	3587	-	0,6,6	-	-	-		
84	OHX	AT	209	-	0,6,6	-	-	-		
84	OHX	6	1951	-	0,6,6	-	-	-		
84	OHX	3	201	-	0,6,6	-	-	-		
84	OHX	1	3533	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	1	3470	-	0,6,6	-	-	-		
84	OHX	1	3561	-	0,6,6	-	-	-		
84	OHX	1	3652	-	0,6,6	-	-	-		
84	OHX	1	3673	-	0,6,6	-	-	-		
84	OHX	1	3613	-	0,6,6	-	-	-		
84	OHX	A	1950	-	0,6,6	-	-	-		
84	OHX	1	3651	-	0,6,6	-	-	-		
84	OHX	1	3516	-	0,6,6	-	-	-		
84	OHX	1	3710	-	0,6,6	-	-	-		
84	OHX	A	1982	-	0,6,6	-	-	-		
84	OHX	sR	401	-	0,6,6	-	-	-		
84	OHX	AR	3685	-	0,6,6	-	-	-		
84	OHX	AR	3642	-	0,6,6	-	-	-		
84	OHX	d9	101	-	0,6,6	-	-	-		
84	OHX	A	1943	-	0,6,6	-	-	-		
84	OHX	1	3415	-	0,6,6	-	-	-		
84	OHX	AR	3616	-	0,6,6	-	-	-		
84	OHX	AR	3649	-	0,6,6	-	-	-		
84	OHX	AR	3660	-	0,6,6	-	-	-		
84	OHX	AR	3638	-	0,6,6	-	-	-		
84	OHX	AR	3565	-	0,6,6	-	-	-		
84	OHX	1	3573	-	0,6,6	-	-	-		
84	OHX	A	2020	-	0,6,6	-	-	-		
84	OHX	1	3427	-	0,6,6	-	-	-		
84	OHX	AR	3657	-	0,6,6	-	-	-		
84	OHX	1	3630	-	0,6,6	-	-	-		
84	OHX	1	3713	-	0,6,6	-	-	-		
84	OHX	AR	3472	-	0,6,6	-	-	-		
84	OHX	1	3610	-	0,6,6	-	-	-		
84	OHX	A	2007	-	0,6,6	-	-	-		
84	OHX	AR	3640	-	0,6,6	-	-	-		
84	OHX	AR	3715	-	0,6,6	-	-	-		
84	OHX	6	1930	-	0,6,6	-	-	-		
84	OHX	A	1937	-	0,6,6	-	-	-		
84	OHX	1	3541	-	0,6,6	-	-	-		
84	OHX	e	101	-	0,6,6	-	-	-		
84	OHX	1	3676	-	0,6,6	-	-	-		
87	GOL	6	2199	-	5,5,5	0.10	0	5,5,5	0.33	0
84	OHX	AR	3731	-	0,6,6	-	-	-		
84	OHX	1	3525	-	0,6,6	-	-	-		
84	OHX	AR	3422	-	0,6,6	-	-	-		
84	OHX	1	3690	-	0,6,6	-	-	-		
84	OHX	6	2005	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	AR	3405	-	0,6,6	-	-	-		
84	OHX	AR	3704	-	0,6,6	-	-	-		
84	OHX	1	3403	-	0,6,6	-	-	-		
84	OHX	1	3715	-	0,6,6	-	-	-		
84	OHX	6	1956	-	0,6,6	-	-	-		
84	OHX	A	1993	-	0,6,6	-	-	-		
84	OHX	1	3540	-	0,6,6	-	-	-		
84	OHX	AR	3490	-	0,6,6	-	-	-		
84	OHX	AR	3620	-	0,6,6	-	-	-		
84	OHX	A	1992	-	0,6,6	-	-	-		
84	OHX	A	1995	-	0,6,6	-	-	-		
84	OHX	1	3557	-	0,6,6	-	-	-		
84	OHX	A	2018	-	0,6,6	-	-	-		
84	OHX	AR	3675	-	0,6,6	-	-	-		
84	OHX	AR	3668	-	0,6,6	-	-	-		
84	OHX	6	1947	-	0,6,6	-	-	-		
84	OHX	1	3705	-	0,6,6	-	-	-		
84	OHX	AR	3573	-	0,6,6	-	-	-		
84	OHX	AR	3707	-	0,6,6	-	-	-		
84	OHX	1	3428	-	0,6,6	-	-	-		
84	OHX	1	3440	-	0,6,6	-	-	-		
84	OHX	AR	3583	-	0,6,6	-	-	-		
84	OHX	CG	302	-	0,6,6	-	-	-		
84	OHX	x	202	-	0,6,6	-	-	-		
84	OHX	1	3589	-	0,6,6	-	-	-		
84	OHX	6	1932	-	0,6,6	-	-	-		
84	OHX	6	1981	-	0,6,6	-	-	-		
84	OHX	CG	301	-	0,6,6	-	-	-		
84	OHX	AR	3645	-	0,6,6	-	-	-		
84	OHX	AR	3550	-	0,6,6	-	-	-		
84	OHX	1	3499	-	0,6,6	-	-	-		
84	OHX	AR	3418	-	0,6,6	-	-	-		
84	OHX	AR	3458	-	0,6,6	-	-	-		
84	OHX	AR	3489	87	0,6,6	-	-	-		
84	OHX	1	3433	-	0,6,6	-	-	-		
84	OHX	AR	3492	-	0,6,6	-	-	-		
84	OHX	1	3478	-	0,6,6	-	-	-		
84	OHX	1	3625	-	0,6,6	-	-	-		
84	OHX	4	204	-	0,6,6	-	-	-		
84	OHX	1	3699	-	0,6,6	-	-	-		
84	OHX	AR	3733	-	0,6,6	-	-	-		
84	OHX	A	1905	-	0,6,6	-	-	-		
84	OHX	A	1959	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	CP	501	-	0,6,6	-	-	-		
84	OHX	1	3678	-	0,6,6	-	-	-		
84	OHX	1	3701	-	0,6,6	-	-	-		
84	OHX	6	2003	-	0,6,6	-	-	-		
84	OHX	A	1980	-	0,6,6	-	-	-		
84	OHX	1	3416	-	0,6,6	-	-	-		
84	OHX	1	3615	-	0,6,6	-	-	-		
84	OHX	1	401	-	0,6,6	-	-	-		
84	OHX	A	1940	-	0,6,6	-	-	-		
84	OHX	6	1902	-	0,6,6	-	-	-		
84	OHX	1	3514	-	0,6,6	-	-	-		
84	OHX	A	2027	-	0,6,6	-	-	-		
84	OHX	1	3609	-	0,6,6	-	-	-		
84	OHX	1	3438	-	0,6,6	-	-	-		
84	OHX	6	2029	-	0,6,6	-	-	-		
84	OHX	6	1904	-	0,6,6	-	-	-		
84	OHX	AR	3548	-	0,6,6	-	-	-		
84	OHX	AR	3656	-	0,6,6	-	-	-		
84	OHX	1	3435	-	0,6,6	-	-	-		
84	OHX	1	3716	-	0,6,6	-	-	-		
84	OHX	AR	3466	-	0,6,6	-	-	-		
84	OHX	AR	3632	-	0,6,6	-	-	-		
84	OHX	y	201	-	0,6,6	-	-	-		
84	OHX	6	1945	-	0,6,6	-	-	-		
84	OHX	AT	205	-	0,6,6	-	-	-		
84	OHX	AR	3419	-	0,6,6	-	-	-		
84	OHX	6	1914	-	0,6,6	-	-	-		
84	OHX	1	3695	-	0,6,6	-	-	-		
84	OHX	6	1917	-	0,6,6	-	-	-		
84	OHX	1	3447	-	0,6,6	-	-	-		
84	OHX	1	3617	-	0,6,6	-	-	-		
84	OHX	6	2024	-	0,6,6	-	-	-		
84	OHX	AR	3693	-	0,6,6	-	-	-		
84	OHX	6	1909	-	0,6,6	-	-	-		
84	OHX	AR	3636	-	0,6,6	-	-	-		
84	OHX	AR	3524	-	0,6,6	-	-	-		
84	OHX	6	1918	-	0,6,6	-	-	-		
84	OHX	1	3404	-	0,6,6	-	-	-		
84	OHX	1	3454	-	0,6,6	-	-	-		
84	OHX	AR	3459	-	0,6,6	-	-	-		
84	OHX	AR	3719	-	0,6,6	-	-	-		
84	OHX	1	3627	-	0,6,6	-	-	-		
84	OHX	A	1925	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	1	3459	-	0,6,6	-	-	-		
84	OHX	1	3680	-	0,6,6	-	-	-		
84	OHX	DQ	201	-	0,6,6	-	-	-		
84	OHX	1	3405	-	0,6,6	-	-	-		
84	OHX	AR	3659	-	0,6,6	-	-	-		
84	OHX	A	1923	-	0,6,6	-	-	-		
84	OHX	6	1927	-	0,6,6	-	-	-		
84	OHX	A	1941	-	0,6,6	-	-	-		
84	OHX	A	2033	-	0,6,6	-	-	-		
84	OHX	1	3602	-	0,6,6	-	-	-		
84	OHX	1	3623	-	0,6,6	-	-	-		
84	OHX	1	3723	1	0,6,6	-	-	-		
84	OHX	6	1907	-	0,6,6	-	-	-		
84	OHX	A	2012	-	0,6,6	-	-	-		
84	OHX	A	1929	-	0,6,6	-	-	-		
84	OHX	A	2042	-	0,6,6	-	-	-		
84	OHX	CX	201	-	0,6,6	-	-	-		
84	OHX	6	2035	-	0,6,6	-	-	-		
84	OHX	6	2037	-	0,6,6	-	-	-		
84	OHX	1	3424	-	0,6,6	-	-	-		
84	OHX	1	3432	-	0,6,6	-	-	-		
84	OHX	1	3614	-	0,6,6	-	-	-		
84	OHX	AR	3480	-	0,6,6	-	-	-		
84	OHX	AR	3708	-	0,6,6	-	-	-		
84	OHX	4	202	-	0,6,6	-	-	-		
84	OHX	AT	213	-	0,6,6	-	-	-		
84	OHX	A	2022	-	0,6,6	-	-	-		
84	OHX	1	3555	-	0,6,6	-	-	-		
84	OHX	A	1961	-	0,6,6	-	-	-		
84	OHX	DD	101	-	0,6,6	-	-	-		
84	OHX	z	201	-	0,6,6	-	-	-		
84	OHX	A	2028	-	0,6,6	-	-	-		
84	OHX	A	2025	-	0,6,6	-	-	-		
84	OHX	AR	3485	-	0,6,6	-	-	-		
84	OHX	r	301	-	0,6,6	-	-	-		
84	OHX	1	3562	-	0,6,6	-	-	-		
84	OHX	AR	3510	-	0,6,6	-	-	-		
84	OHX	AR	3517	-	0,6,6	-	-	-		
84	OHX	AT	215	-	0,6,6	-	-	-		
84	OHX	A	2023	-	0,6,6	-	-	-		
84	OHX	AR	3410	-	0,6,6	-	-	-		
84	OHX	AR	3702	-	0,6,6	-	-	-		
84	OHX	AT	206	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	A	1969	-	0,6,6	-	-	-		
84	OHX	4	215	-	0,6,6	-	-	-		
84	OHX	6	1990	-	0,6,6	-	-	-		
84	OHX	1	3410	-	0,6,6	-	-	-		
84	OHX	AR	3554	-	0,6,6	-	-	-		
84	OHX	A	2000	-	0,6,6	-	-	-		
84	OHX	6	2004	-	0,6,6	-	-	-		
84	OHX	1	3612	-	0,6,6	-	-	-		
84	OHX	AR	3448	-	0,6,6	-	-	-		
84	OHX	AS	202	-	0,6,6	-	-	-		
84	OHX	A	2024	-	0,6,6	-	-	-		
84	OHX	AR	3717	-	0,6,6	-	-	-		
84	OHX	AR	3471	-	0,6,6	-	-	-		
84	OHX	AR	3725	-	0,6,6	-	-	-		
84	OHX	6	1987	-	0,6,6	-	-	-		
84	OHX	1	3434	-	0,6,6	-	-	-		
84	OHX	1	3509	-	0,6,6	-	-	-		
84	OHX	1	3592	-	0,6,6	-	-	-		
84	OHX	6	2002	-	0,6,6	-	-	-		
84	OHX	1	3483	-	0,6,6	-	-	-		
84	OHX	1	3659	-	0,6,6	-	-	-		
84	OHX	AR	3674	-	0,6,6	-	-	-		
84	OHX	AR	3695	-	0,6,6	-	-	-		
84	OHX	1	3560	-	0,6,6	-	-	-		
84	OHX	1	3526	-	0,6,6	-	-	-		
84	OHX	AR	3467	-	0,6,6	-	-	-		
84	OHX	AR	3723	-	0,6,6	-	-	-		
84	OHX	A	2001	-	0,6,6	-	-	-		
87	GOL	v	305	-	5,5,5	0.19	0	5,5,5	0.55	0
84	OHX	1	3402	-	0,6,6	-	-	-		
84	OHX	AR	3591	-	0,6,6	-	-	-		
84	OHX	AR	3637	-	0,6,6	-	-	-		
84	OHX	1	3594	-	0,6,6	-	-	-		
84	OHX	AR	3564	-	0,6,6	-	-	-		
84	OHX	AR	3670	-	0,6,6	-	-	-		
84	OHX	A	1986	-	0,6,6	-	-	-		
84	OHX	1	3486	-	0,6,6	-	-	-		
84	OHX	AR	3595	-	0,6,6	-	-	-		
84	OHX	AR	3626	-	0,6,6	-	-	-		
84	OHX	1	3684	-	0,6,6	-	-	-		
84	OHX	AR	3551	-	0,6,6	-	-	-		
84	OHX	4	213	-	0,6,6	-	-	-		
84	OHX	AR	3570	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
84	OHX	1	3607	-	0,6,6	-	-	-		
84	OHX	AR	3662	-	0,6,6	-	-	-		
84	OHX	1	3681	-	0,6,6	-	-	-		
84	OHX	1	3480	-	0,6,6	-	-	-		
84	OHX	AM	101	-	0,6,6	-	-	-		
84	OHX	6	1916	-	0,6,6	-	-	-		
84	OHX	1	3457	-	0,6,6	-	-	-		
84	OHX	6	1950	-	0,6,6	-	-	-		
84	OHX	AR	3505	-	0,6,6	-	-	-		
84	OHX	AR	3726	-	0,6,6	-	-	-		
84	OHX	1	3584	-	0,6,6	-	-	-		
84	OHX	AR	3742	-	0,6,6	-	-	-		
84	OHX	1	3721	-	0,6,6	-	-	-		
84	OHX	AR	3743	-	0,6,6	-	-	-		
84	OHX	CK	201	-	0,6,6	-	-	-		
84	OHX	1	3633	-	0,6,6	-	-	-		
84	OHX	1	3685	-	0,6,6	-	-	-		
84	OHX	AS	209	-	0,6,6	-	-	-		
84	OHX	AR	3460	-	0,6,6	-	-	-		
84	OHX	A	2026	-	0,6,6	-	-	-		
84	OHX	1	3496	-	0,6,6	-	-	-		
84	OHX	AR	3672	-	0,6,6	-	-	-		
84	OHX	1	3616	-	0,6,6	-	-	-		
84	OHX	6	1948	-	0,6,6	-	-	-		
84	OHX	1	3665	-	0,6,6	-	-	-		
84	OHX	1	3638	-	0,6,6	-	-	-		
84	OHX	AR	3745	-	0,6,6	-	-	-		
84	OHX	AS	205	-	0,6,6	-	-	-		
84	OHX	1	3535	-	0,6,6	-	-	-		
84	OHX	AR	3609	-	0,6,6	-	-	-		
84	OHX	1	3688	-	0,6,6	-	-	-		
84	OHX	6	1939	-	0,6,6	-	-	-		
84	OHX	A	1911	-	0,6,6	-	-	-		
84	OHX	A	2029	-	0,6,6	-	-	-		
84	OHX	M	201	-	0,6,6	-	-	-		
84	OHX	AR	3588	-	0,6,6	-	-	-		
84	OHX	AT	202	-	0,6,6	-	-	-		
84	OHX	AR	3654	-	0,6,6	-	-	-		
84	OHX	AS	206	-	0,6,6	-	-	-		
84	OHX	3	209	-	0,6,6	-	-	-		
84	OHX	CE	401	-	0,6,6	-	-	-		
84	OHX	AT	201	-	0,6,6	-	-	-		
84	OHX	A	1935	-	0,6,6	-	-	-		

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
87	GOL	A	2160	-	-	0/4/4/4	-
87	GOL	v	305	-	-	2/4/4/4	-
86	HN8	AR	4263	-	-	0/2/48/48	0/6/5/5
87	GOL	6	2199	-	-	0/4/4/4	-
86	HN8	1	4223	-	-	0/2/48/48	0/6/5/5
87	GOL	AR	4262	84	-	0/4/4/4	-
87	GOL	AR	4261	1	-	2/4/4/4	-

There are no bond length outliers.

All (6) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
86	AR	4263	HN8	C5-C1-C3	-5.16	100.15	106.09
86	AR	4263	HN8	C5-C1-C2	-5.00	102.67	106.70
86	AR	4263	HN8	C5-C1-C7	4.00	116.29	114.53
86	1	4223	HN8	C5-C1-C7	3.71	116.17	114.53
86	AR	4263	HN8	C3-C1-C2	2.87	107.05	102.28
86	1	4223	HN8	O1-C9-C17	-2.42	102.25	109.31

There are no chirality outliers.

All (4) torsion outliers are listed below:

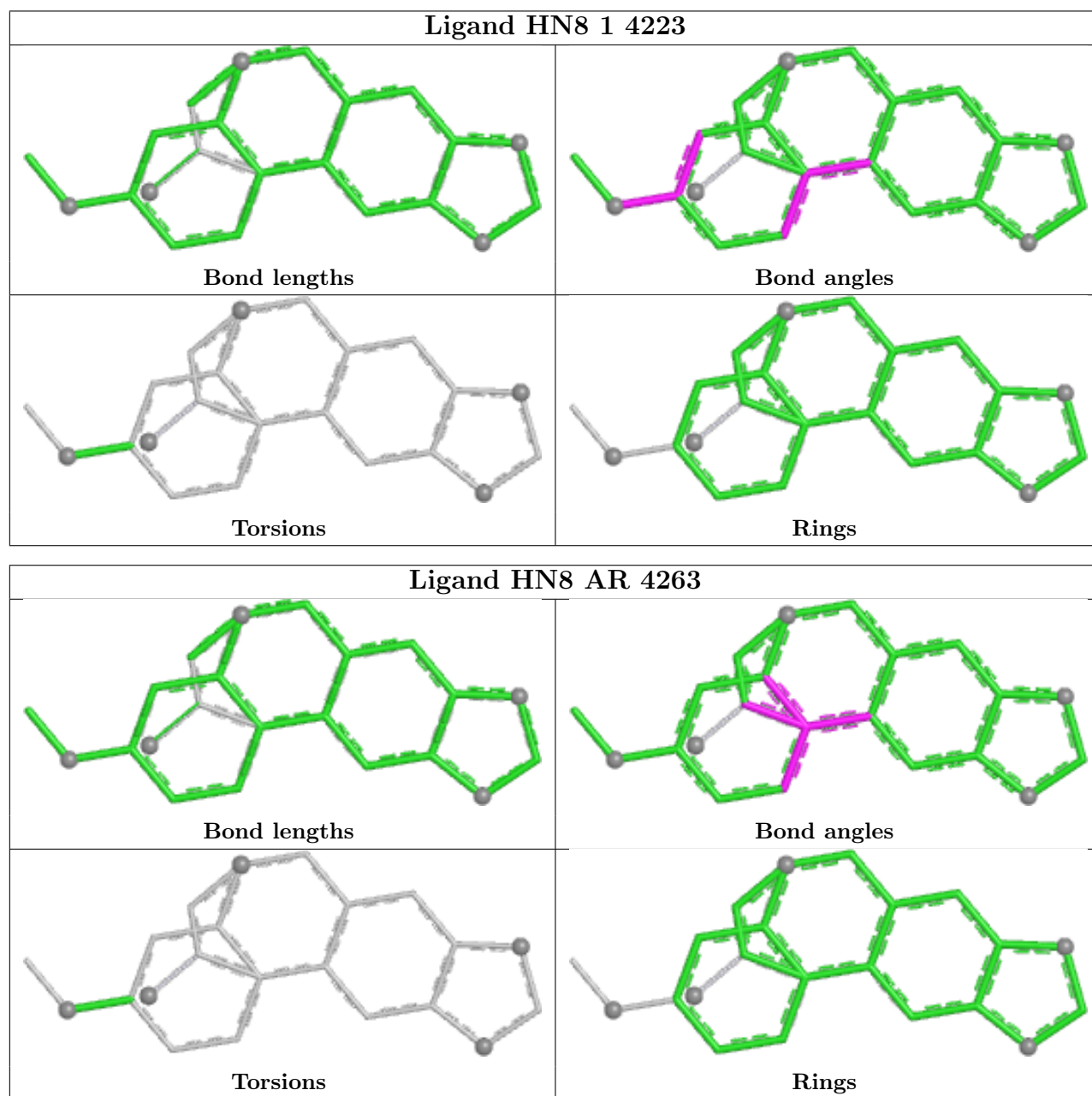
Mol	Chain	Res	Type	Atoms
87	v	305	GOL	O1-C1-C2-C3
87	AR	4261	GOL	C1-C2-C3-O3
87	v	305	GOL	O1-C1-C2-O2
87	AR	4261	GOL	O2-C2-C3-O3

There are no ring outliers.

No monomer is involved in short contacts.

The following is a two-dimensional graphical depiction of Mogul quality analysis of bond lengths, bond angles, torsion angles, and ring geometry for all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the validation Tables will also be included. For torsion angles, if less than 5% of the Mogul distribution of torsion angles is within 10 degrees of the torsion angle in question, then that torsion angle is considered an outlier. Any bond that is central to one or more torsion angles identified as an outlier by Mogul will be

highlighted in the graph. For rings, the root-mean-square deviation (RMSD) between the ring in question and similar rings identified by Mogul is calculated over all ring torsion angles. If the average RMSD is greater than 60 degrees and the minimal RMSD between the ring in question and any Mogul-identified rings is also greater than 60 degrees, then that ring is considered an outlier. The outliers are highlighted in purple. The color gray indicates Mogul did not find sufficient equivalents in the CSD to analyse the geometry.



4.7 Other polymers [i](#)

There are no such residues in this entry.

4.8 Polymer linkage issues

The following chains have linkage breaks:

Mol	Chain	Number of breaks
48	sM	2
25	A	1
47	m2	1
5	CE	1
50	s0	1
54	s4	1

All chain breaks are listed below:

Model	Chain	Residue-1	Atom-1	Residue-2	Atom-2	Distance (Å)
1	sM	85:SER	C	119:UNK	N	44.14
1	sM	139:UNK	C	155:UNK	N	37.59
1	A	1716:C	O3'	1717:G	P	4.52
1	m2	23:UNK	C	28:UNK	N	3.62
1	CE	168:LYS	C	169:THR	N	1.19
1	s0	160:ILE	C	161:PRO	N	1.19
1	s4	82:TYR	C	83:PRO	N	1.18

5 Fit of model and data ⓘ

5.1 Protein, DNA and RNA chains ⓘ

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

Mol	Chain	Analysed	<RSRZ>	#RSRZ > 2			OWAB(Å ²)	Q < 0.9
1	1	3149/3396 (92%)	0.10	88 (2%)	55	35	26, 47, 129, 223	0
1	AR	3149/3396 (92%)	0.16	120 (3%)	44	26	25, 49, 123, 225	0
2	3	121/121 (100%)	-0.06	1 (0%)	82	68	35, 63, 75, 82	0
2	AS	121/121 (100%)	-0.02	2 (1%)	69	50	34, 52, 66, 73	0
3	4	158/158 (100%)	0.14	5 (3%)	50	31	34, 51, 91, 138	0
3	AT	158/158 (100%)	0.25	9 (5%)	30	18	34, 60, 99, 128	0
4	CD	252/252 (100%)	0.36	13 (5%)	34	20	33, 52, 74, 82	0
4	j	252/252 (100%)	0.27	5 (1%)	64	45	31, 46, 64, 77	0
5	CE	386/386 (100%)	-0.01	5 (1%)	74	58	25, 41, 55, 95	0
5	k	386/386 (100%)	0.05	2 (0%)	87	75	25, 48, 62, 80	0
6	CF	361/361 (100%)	0.17	4 (1%)	77	61	31, 47, 65, 88	0
6	l	361/361 (100%)	0.10	5 (1%)	73	56	27, 44, 62, 71	0
7	CG	296/296 (100%)	0.31	14 (4%)	37	22	39, 57, 83, 104	0
7	m	296/296 (100%)	0.25	6 (2%)	64	45	46, 69, 89, 115	0
8	CH	156/175 (89%)	0.02	1 (0%)	85	72	37, 46, 68, 84	0
8	n	156/175 (89%)	-0.02	1 (0%)	85	72	36, 43, 66, 86	0
9	CI	222/222 (100%)	0.07	5 (2%)	61	42	27, 35, 78, 133	0
9	o	222/222 (100%)	0.00	3 (1%)	73	56	29, 38, 73, 123	0
10	CJ	233/233 (100%)	0.76	26 (11%)	11	7	70, 82, 123, 144	0
10	p	233/233 (100%)	0.61	8 (3%)	48	28	56, 70, 105, 116	0
11	CK	191/191 (100%)	0.08	3 (1%)	70	52	35, 45, 66, 82	0
11	q	191/191 (100%)	0.18	4 (2%)	63	44	42, 53, 66, 86	0
12	CL	211/220 (95%)	0.21	7 (3%)	49	30	39, 59, 80, 93	0
12	r	211/220 (95%)	0.16	6 (2%)	55	35	33, 46, 81, 96	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2			OWAB(Å ²)	Q<0.9
13	CM	169/169 (100%)	0.36	7 (4%)	42	24	40, 61, 75, 83	0
13	s	169/169 (100%)	0.60	5 (2%)	52	33	55, 77, 90, 96	0
14	CN	193/193 (100%)	0.31	8 (4%)	42	24	41, 62, 101, 119	0
14	t	193/193 (100%)	0.19	3 (1%)	70	52	33, 53, 95, 125	0
15	CO	136/136 (100%)	0.18	8 (5%)	29	18	34, 40, 63, 71	0
15	u	136/136 (100%)	0.23	6 (4%)	39	23	37, 43, 60, 68	0
16	CP	203/203 (100%)	0.28	0	100	100	38, 55, 67, 71	0
16	v	203/203 (100%)	0.18	0	100	100	33, 44, 57, 64	0
17	CQ	197/197 (100%)	0.10	8 (4%)	42	24	25, 30, 60, 66	0
17	w	197/197 (100%)	0.04	4 (2%)	64	45	28, 34, 55, 60	0
18	CR	183/183 (100%)	0.54	24 (13%)	8	5	31, 39, 137, 167	0
18	x	183/183 (100%)	0.39	16 (8%)	17	10	32, 40, 105, 140	0
19	CS	185/185 (100%)	0.11	1 (0%)	87	75	32, 46, 56, 60	0
19	y	185/185 (100%)	0.17	2 (1%)	77	61	33, 43, 63, 87	0
20	CT	188/188 (100%)	0.63	13 (6%)	24	14	48, 63, 158, 169	0
20	z	188/188 (100%)	0.56	11 (5%)	29	18	48, 64, 150, 167	0
21	0	172/172 (100%)	0.10	2 (1%)	76	60	35, 41, 55, 65	0
21	CU	172/172 (100%)	0.07	5 (2%)	54	34	30, 37, 50, 57	0
22	2	159/159 (100%)	0.22	2 (1%)	74	58	34, 45, 87, 97	0
22	CV	159/159 (100%)	0.21	6 (3%)	44	26	31, 41, 74, 84	0
23	5	100/100 (100%)	0.70	7 (7%)	24	14	79, 93, 105, 123	0
23	CW	100/100 (100%)	0.59	2 (2%)	64	45	77, 87, 98, 119	0
24	CX	136/136 (100%)	-0.01	2 (1%)	71	54	29, 38, 57, 59	0
24	IR	136/136 (100%)	0.04	2 (1%)	71	54	31, 43, 56, 62	0
25	6	1783/1800 (99%)	0.55	104 (5%)	30	18	41, 78, 169, 233	0
25	A	1781/1800 (98%)	0.63	101 (5%)	30	18	49, 87, 186, 250	0
26	7	98/98 (100%)	1.39	29 (29%)	1	1	43, 59, 150, 157	0
26	CY	98/98 (100%)	1.12	18 (18%)	4	2	38, 53, 145, 177	0
27	8	121/121 (100%)	0.30	2 (1%)	69	50	44, 57, 77, 117	0
27	CZ	121/121 (100%)	0.58	7 (5%)	30	18	48, 64, 85, 100	0
28	9	126/126 (100%)	0.07	3 (2%)	59	41	40, 55, 64, 73	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2			OWAB(Å ²)	Q<0.9
28	DA	126/126 (100%)	0.26	4 (3%)	50	31	40, 57, 73, 82	0
29	AA	135/135 (100%)	0.37	1 (0%)	84	70	69, 83, 94, 104	0
29	DB	135/135 (100%)	0.62	4 (2%)	52	33	81, 95, 110, 120	0
30	AB	148/148 (100%)	0.25	5 (3%)	48	28	27, 46, 73, 86	0
30	DC	148/148 (100%)	0.30	3 (2%)	64	45	30, 51, 71, 77	0
31	AC	58/58 (100%)	0.53	3 (5%)	34	20	32, 52, 102, 122	0
31	DD	58/58 (100%)	0.30	1 (1%)	69	50	38, 51, 80, 88	0
32	AD	97/97 (100%)	0.49	5 (5%)	34	20	67, 77, 99, 110	0
32	DE	97/97 (100%)	0.71	8 (8%)	19	11	71, 83, 105, 109	0
33	AE	109/109 (100%)	0.38	1 (0%)	81	66	42, 56, 95, 106	0
33	DF	109/109 (100%)	0.29	4 (3%)	45	27	41, 52, 92, 111	0
34	AF	127/127 (100%)	0.05	2 (1%)	70	52	25, 40, 52, 69	0
34	DG	127/127 (100%)	0.04	3 (2%)	59	41	24, 43, 55, 77	0
35	AG	106/106 (100%)	0.17	3 (2%)	55	35	31, 36, 61, 72	0
35	DH	106/106 (100%)	0.10	1 (0%)	81	66	28, 35, 64, 87	0
36	AH	112/112 (100%)	0.66	4 (3%)	46	27	43, 63, 104, 114	0
36	DI	112/112 (100%)	0.83	10 (8%)	17	10	46, 68, 113, 125	0
37	AI	119/119 (100%)	0.41	4 (3%)	48	28	46, 61, 70, 77	0
37	DJ	119/119 (100%)	0.55	5 (4%)	41	24	51, 67, 81, 88	0
38	AJ	99/99 (100%)	0.36	3 (3%)	52	33	52, 61, 93, 113	0
38	DK	99/99 (100%)	0.48	5 (5%)	34	20	59, 70, 92, 110	0
39	AK	87/87 (100%)	0.38	4 (4%)	38	22	32, 36, 63, 86	0
39	DL	87/87 (100%)	0.55	4 (4%)	38	22	36, 42, 77, 113	0
40	AL	77/77 (100%)	0.51	2 (2%)	57	38	67, 79, 101, 108	0
40	DM	77/77 (100%)	0.61	3 (3%)	44	26	76, 88, 107, 115	0
41	AM	50/50 (100%)	0.38	0	100	100	42, 45, 52, 62	0
41	DN	50/50 (100%)	0.56	3 (6%)	29	17	45, 49, 59, 70	0
42	AN	52/52 (100%)	0.04	1 (1%)	66	47	37, 43, 61, 69	0
42	DO	52/52 (100%)	-0.07	2 (3%)	44	26	32, 35, 48, 62	0
43	AO	25/25 (100%)	0.72	1 (4%)	43	25	52, 54, 59, 59	0
43	DP	25/25 (100%)	0.50	1 (4%)	43	25	43, 46, 59, 63	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
44	AP	105/105 (100%)	0.36	4 (3%) 44 26	34, 50, 74, 103	0
44	DQ	105/105 (100%)	0.16	2 (1%) 66 47	37, 50, 65, 97	0
45	AQ	91/91 (100%)	0.19	0 100 100	40, 50, 67, 80	0
45	DR	91/91 (100%)	0.41	0 100 100	39, 53, 69, 79	0
46	i	159/272 (58%)	1.26	35 (22%) 3 1	70, 90, 143, 148	0
47	m2	0/150	-	-	-	-
48	sM	63/104 (60%)	1.20	9 (14%) 7 4	62, 91, 108, 114	0
49	p0	143/311 (45%)	0.96	11 (7%) 21 11	89, 108, 172, 179	0
50	B	206/206 (100%)	0.86	19 (9%) 16 9	93, 110, 125, 146	0
50	s0	206/206 (100%)	0.64	11 (5%) 33 20	77, 97, 115, 120	0
51	C	214/216 (99%)	1.15	22 (10%) 13 8	93, 121, 142, 150	0
51	s1	216/216 (100%)	0.54	12 (5%) 31 19	68, 83, 110, 129	0
52	D	217/217 (100%)	0.69	8 (3%) 45 27	68, 87, 108, 125	0
52	s2	217/217 (100%)	0.60	10 (4%) 38 22	57, 76, 92, 106	0
53	E	223/223 (100%)	0.92	20 (8%) 17 10	74, 91, 118, 137	0
53	s3	223/223 (100%)	1.20	28 (12%) 9 5	75, 103, 134, 148	0
54	F	260/260 (100%)	0.86	16 (6%) 28 17	63, 87, 97, 121	0
54	s4	260/260 (100%)	0.60	9 (3%) 47 28	53, 84, 98, 128	0
55	G	206/206 (100%)	1.31	41 (19%) 3 2	92, 112, 131, 141	0
55	s5	206/206 (100%)	0.98	21 (10%) 13 8	74, 95, 114, 122	0
56	H	226/226 (100%)	0.87	17 (7%) 22 12	61, 94, 116, 143	0
56	s6	218/226 (96%)	0.76	17 (7%) 20 11	52, 83, 111, 124	0
57	I	184/186 (98%)	1.01	16 (8%) 17 10	87, 119, 148, 156	0
57	s7	186/186 (100%)	1.02	15 (8%) 19 11	77, 112, 147, 152	0
58	J	188/199 (94%)	0.63	11 (5%) 29 18	53, 70, 111, 126	0
58	s8	188/199 (94%)	0.73	13 (6%) 24 14	49, 73, 124, 140	0
59	K	185/185 (100%)	0.87	18 (9%) 15 8	77, 95, 129, 158	0
59	s9	185/185 (100%)	0.56	6 (3%) 50 31	67, 85, 116, 151	0
60	L	96/105 (91%)	1.12	14 (14%) 7 4	81, 102, 129, 139	0
60	c0	96/105 (91%)	1.40	20 (20%) 3 2	96, 126, 139, 147	0
61	M	155/155 (100%)	1.06	22 (14%) 7 4	56, 70, 126, 137	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
61	c1	146/155 (94%)	0.83	13 (8%) 17 10	55, 70, 104, 131	0
62	N	124/124 (100%)	1.20	10 (8%) 19 11	133, 140, 152, 160	0
62	c2	124/124 (100%)	1.43	29 (23%) 2 1	161, 169, 184, 190	0
63	O	150/150 (100%)	0.74	7 (4%) 37 22	64, 85, 100, 104	0
63	c3	150/150 (100%)	0.76	8 (5%) 33 20	59, 78, 96, 111	0
64	P	127/128 (99%)	1.38	28 (22%) 3 1	66, 119, 135, 138	0
64	c4	128/128 (100%)	0.62	5 (3%) 44 26	57, 81, 91, 94	0
65	Q	124/141 (87%)	0.78	14 (11%) 11 7	75, 89, 126, 146	0
65	c5	135/141 (95%)	1.06	16 (11%) 10 6	82, 97, 118, 131	0
66	R	141/142 (99%)	1.20	18 (12%) 9 5	81, 107, 115, 120	0
66	c6	142/142 (100%)	1.18	19 (13%) 8 5	67, 91, 106, 127	0
67	S	120/125 (96%)	1.02	13 (10%) 12 7	90, 109, 134, 138	0
67	c7	117/125 (93%)	0.90	10 (8%) 18 10	78, 97, 122, 130	0
68	T	145/145 (100%)	0.74	8 (5%) 32 19	71, 99, 129, 140	0
68	c8	145/145 (100%)	0.59	7 (4%) 36 21	79, 91, 116, 127	0
69	U	143/143 (100%)	0.88	9 (6%) 27 16	84, 102, 119, 133	0
69	c9	143/143 (100%)	0.48	1 (0%) 84 70	71, 86, 106, 119	0
70	V	107/110 (97%)	1.88	44 (41%) 1 0	73, 109, 141, 145	0
70	d0	110/110 (100%)	1.43	22 (20%) 3 2	70, 111, 154, 172	0
71	W	87/87 (100%)	0.68	3 (3%) 48 28	90, 96, 115, 124	0
71	d1	87/87 (100%)	0.35	1 (1%) 77 61	75, 83, 110, 121	0
72	X	129/129 (100%)	0.66	3 (2%) 61 42	68, 81, 88, 101	0
72	d2	129/129 (100%)	0.42	0 100 100	57, 70, 81, 97	0
73	Y	144/144 (100%)	0.72	12 (8%) 19 10	57, 62, 73, 88	0
73	d3	144/144 (100%)	0.49	7 (4%) 36 21	46, 52, 66, 78	0
74	Z	134/134 (100%)	0.88	10 (7%) 22 12	69, 97, 114, 125	0
74	d4	134/134 (100%)	0.78	10 (7%) 22 12	62, 88, 103, 122	0
75	a	70/70 (100%)	1.27	11 (15%) 6 3	111, 123, 138, 139	0
75	d5	69/70 (98%)	0.81	2 (2%) 54 34	93, 113, 124, 127	0
76	b	97/97 (100%)	1.25	16 (16%) 5 3	67, 83, 135, 138	0
76	d6	97/97 (100%)	0.66	3 (3%) 51 32	51, 63, 95, 101	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
77	c	81/81 (100%)	0.83	5 (6%) 28 17	82, 95, 127, 134	0
77	d7	81/81 (100%)	0.67	7 (8%) 18 10	72, 87, 126, 132	0
78	d	63/63 (100%)	1.34	8 (12%) 9 5	104, 121, 132, 134	0
78	d8	63/63 (100%)	1.12	4 (6%) 27 16	91, 107, 121, 125	0
79	d9	53/53 (100%)	1.05	7 (13%) 8 5	71, 82, 120, 128	0
79	e	53/53 (100%)	0.71	1 (1%) 66 47	75, 80, 96, 104	0
80	e0	62/62 (100%)	0.81	8 (12%) 9 5	59, 83, 113, 125	0
80	f	60/62 (96%)	0.67	5 (8%) 19 10	63, 92, 131, 134	0
81	g	71/71 (100%)	1.39	22 (30%) 1 1	105, 124, 144, 150	0
82	h	318/318 (100%)	0.79	22 (6%) 24 14	97, 115, 135, 147	0
82	sR	318/318 (100%)	1.13	43 (13%) 8 5	99, 121, 140, 157	0
83	e1	51/51 (100%)	1.36	10 (19%) 4 2	145, 157, 165, 167	0
All	All	33004/34167 (96%)	0.47	1799 (5%) 32 19	24, 66, 132, 250	0

All (1799) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
26	CY	81	PRO	12.0
55	G	152	GLY	8.0
3	AT	81	U	7.2
1	AR	3275	U	7.1
26	7	88	ASP	6.9
18	CR	161	ALA	6.9
25	A	913	G	6.9
1	1	2205	U	6.8
52	s2	92	ALA	6.7
26	7	76	VAL	6.7
49	p0	192	ASP	6.6
28	DA	127	GLU	6.6
26	7	86	SER	6.4
61	M	146	ALA	6.4
65	c5	4	ALA	6.4
61	M	147	GLY	6.4
18	x	162	GLU	6.4
46	i	88	ARG	6.3
26	7	75	THR	6.2
51	C	100	PHE	6.2
56	s6	169	TYR	6.1

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Mol	Chain	Res	Type	RSRZ
26	CY	95	SER	6.0
61	M	145	ALA	6.0
74	d4	134	ALA	5.9
1	AR	3276	G	5.9
61	M	2	SER	5.9
68	c8	17	LEU	5.8
18	CR	179	GLN	5.8
53	s3	176	LEU	5.8
18	x	161	ALA	5.6
17	CQ	182	ASN	5.6
18	CR	159	LYS	5.5
70	d0	78	THR	5.5
82	sR	46	LYS	5.5
18	CR	165	VAL	5.5
55	s5	37	GLN	5.5
26	7	81	PRO	5.4
12	CL	219	ALA	5.4
56	s6	164	LYS	5.4
25	A	261	U	5.3
3	AT	80	A	5.3
18	CR	182	ILE	5.3
25	6	1285	U	5.3
21	0	1	MET	5.3
66	R	66	ARG	5.3
18	CR	178	ALA	5.3
58	J	8	ARG	5.3
18	x	164	LYS	5.3
2	AS	73	C	5.2
26	7	69	LYS	5.2
18	x	163	LYS	5.2
1	AR	2546	C	5.2
18	x	160	ALA	5.1
18	x	184	ALA	5.1
25	6	506	A	5.1
66	c6	2	SER	5.1
61	c1	3	THR	5.1
60	L	96	ASN	5.1
1	1	1103	A	5.1
21	CU	1	MET	5.0
61	M	3	THR	5.0
39	DL	88	ALA	5.0
28	DA	126	LEU	5.0

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Mol	Chain	Res	Type	RSRZ
53	s3	145	ALA	4.9
1	1	2772	C	4.9
65	c5	136	SER	4.9
46	i	85	SER	4.9
1	AR	1581	C	4.9
55	G	37	GLN	4.9
26	CY	66	GLU	4.8
25	A	194	U	4.8
70	V	19	ILE	4.8
46	i	87	THR	4.8
18	CR	177	ALA	4.8
60	c0	84	GLU	4.8
1	AR	1103	A	4.7
61	M	152	GLN	4.7
66	c6	142	TYR	4.7
1	1	3154	C	4.7
56	s6	166	GLU	4.7
64	c4	125	SER	4.7
64	P	15	GLY	4.7
70	d0	72	ASN	4.7
18	CR	184	ALA	4.7
70	V	64	LYS	4.7
1	1	2522	G	4.6
25	A	1708	U	4.6
39	AK	84	SER	4.6
65	c5	50	THR	4.6
81	g	146	SER	4.6
58	J	21	PHE	4.6
75	a	97	LYS	4.5
7	CG	290	ILE	4.5
26	7	82	ILE	4.5
10	CJ	107	GLU	4.5
1	1	1349	G	4.5
17	CQ	187	GLU	4.5
1	AR	2504	U	4.5
66	c6	141	SER	4.5
61	M	150	ASN	4.5
55	G	41	LYS	4.4
26	7	87	LEU	4.4
39	AK	88	ALA	4.4
25	6	794	U	4.4
53	s3	144	ALA	4.4

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Mol	Chain	Res	Type	RSRZ
50	B	28	ASN	4.4
56	H	80	ASN	4.4
70	V	67	THR	4.4
46	i	11	ASP	4.3
26	CY	85	ALA	4.3
48	sM	84	LYS	4.3
61	M	148	LYS	4.3
26	CY	96	LEU	4.3
75	a	67	ASP	4.3
1	1	2539	C	4.3
1	AR	3154	C	4.3
11	CK	189	GLU	4.3
26	CY	72	SER	4.3
80	e0	62	VAL	4.3
52	D	144	TRP	4.3
1	1	2207	A	4.2
1	AR	3278	C	4.2
18	CR	176	ILE	4.2
1	AR	3156	U	4.2
25	6	679	U	4.2
3	AT	83	C	4.2
77	c	33	LEU	4.2
66	R	21	HIS	4.2
26	CY	98	PRO	4.2
74	Z	129	VAL	4.2
18	CR	167	ARG	4.2
66	c6	114	ARG	4.2
58	J	71	GLY	4.2
1	AR	2545	C	4.2
1	1	2954	U	4.2
3	4	82	U	4.2
46	i	89	ARG	4.2
12	CL	218	ALA	4.1
53	s3	182	LEU	4.1
66	c6	115	THR	4.1
59	K	181	ALA	4.1
78	d8	24	GLY	4.1
39	AK	87	SER	4.1
64	P	40	ALA	4.1
80	e0	49	LEU	4.1
18	CR	157	VAL	4.1
10	CJ	111	LYS	4.1

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Mol	Chain	Res	Type	RSRZ
26	7	85	ALA	4.1
26	7	79	GLN	4.1
52	s2	84	LYS	4.1
70	V	72	ASN	4.0
15	u	137	LYS	4.0
25	A	238	U	4.0
1	1	2971	A	4.0
74	d4	135	ASP	4.0
65	Q	11	VAL	4.0
3	AT	84	C	4.0
18	CR	162	GLU	4.0
63	c3	22	ALA	4.0
46	i	84	LYS	3.9
10	CJ	117	ALA	3.9
25	6	1426	C	3.9
26	CY	97	LYS	3.9
82	h	79	TYR	3.9
21	CU	138	GLN	3.9
25	A	794	U	3.9
55	G	56	ALA	3.9
61	c1	144	ALA	3.9
1	AR	2535	A	3.9
25	A	1702	A	3.9
15	CO	8	LYS	3.9
59	s9	146	PHE	3.9
50	B	32	HIS	3.9
7	CG	296	GLN	3.9
63	c3	66	ILE	3.9
15	u	9	ALA	3.9
55	s5	154	ALA	3.9
61	c1	29	LYS	3.9
27	CZ	33	ARG	3.9
25	6	678	A	3.9
51	C	54	LEU	3.9
1	AR	1582	C	3.9
25	6	1217	A	3.9
25	6	1159	C	3.8
18	CR	166	VAL	3.8
59	s9	93	LEU	3.8
62	c2	45	LEU	3.8
1	AR	2506	U	3.8
58	s8	67	TRP	3.8

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Mol	Chain	Res	Type	RSRZ
53	s3	175	VAL	3.8
56	s6	162	VAL	3.8
64	P	16	VAL	3.8
26	CY	82	ILE	3.8
1	1	1582	C	3.8
82	h	212	ALA	3.8
62	c2	63	VAL	3.8
1	AR	2971	A	3.8
25	6	754	A	3.8
64	P	33	LEU	3.8
53	s3	151	LYS	3.8
18	x	158	ALA	3.8
31	AC	2	ALA	3.8
1	AR	2537	U	3.8
18	x	165	VAL	3.8
70	V	80	GLU	3.8
53	s3	184	ILE	3.8
76	b	83	ILE	3.8
29	DB	86	THR	3.8
21	CU	2	ALA	3.8
10	CJ	121	SER	3.7
1	AR	1349	G	3.7
1	AR	1580	A	3.7
60	c0	83	PRO	3.7
18	CR	168	LEU	3.7
25	A	1709	C	3.7
53	s3	148	LYS	3.7
50	B	207	PRO	3.7
82	sR	19	TRP	3.7
27	CZ	142	ILE	3.7
60	c0	90	THR	3.7
70	V	97	VAL	3.7
42	DO	77	ILE	3.7
58	J	72	ILE	3.7
1	AR	1579	C	3.7
52	s2	90	THR	3.7
6	l	182	LEU	3.7
32	DE	97	ASP	3.7
3	AT	79	A	3.7
52	s2	85	PRO	3.7
1	1	1577	G	3.7
25	A	320	U	3.6

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Mol	Chain	Res	Type	RSRZ
56	H	67	VAL	3.6
60	c0	64	TYR	3.6
66	R	92	TYR	3.6
54	s4	253	ASP	3.6
60	L	88	PRO	3.6
35	AG	61	GLY	3.6
1	AR	1560	G	3.6
1	1	439	C	3.6
22	2	121	ALA	3.6
46	i	105	LYS	3.6
73	d3	2	GLY	3.6
64	P	27	PHE	3.6
68	T	17	LEU	3.6
13	s	11	ASP	3.6
25	6	1228	G	3.6
10	p	256	ALA	3.6
55	G	36	ALA	3.6
70	d0	73	GLY	3.6
52	D	208	GLU	3.6
25	6	1193	A	3.6
23	CW	11	ILE	3.6
70	V	108	ILE	3.6
1	AR	252	U	3.6
21	CU	23	LYS	3.6
53	E	179	GLN	3.6
71	W	69	LEU	3.6
18	x	166	VAL	3.6
48	sM	85	SER	3.6
32	AD	83	LYS	3.6
36	DI	16	ARG	3.5
1	AR	2505	U	3.5
62	c2	121	VAL	3.5
60	c0	81	ASN	3.5
66	c6	36	ILE	3.5
1	AR	1706	C	3.5
4	CD	252	THR	3.5
18	CR	160	ALA	3.5
26	7	89	LEU	3.5
57	s7	12	ALA	3.5
66	R	20	ALA	3.5
78	d	54	LEU	3.5
82	sR	279	ALA	3.5

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Mol	Chain	Res	Type	RSRZ
60	L	91	TYR	3.5
12	CL	220	GLN	3.5
51	C	47	LEU	3.5
54	F	261	LEU	3.5
53	s3	150	MET	3.5
70	V	84	MET	3.5
26	7	80	ARG	3.5
1	AR	2503	G	3.5
1	AR	1555	U	3.5
25	A	793	A	3.5
65	c5	134	THR	3.5
65	c5	5	VAL	3.5
4	CD	253	GLN	3.5
62	c2	71	ILE	3.5
70	V	65	ILE	3.5
1	1	1581	C	3.4
10	CJ	118	GLU	3.4
34	AF	128	LEU	3.4
70	d0	82	TYR	3.4
66	R	119	ALA	3.4
26	CY	83	THR	3.4
82	sR	31	ASN	3.4
83	e1	147	VAL	3.4
24	CX	3	GLY	3.4
1	AR	2502	A	3.4
25	6	75	U	3.4
70	d0	77	LYS	3.4
57	I	74	GLN	3.4
28	9	127	GLU	3.4
82	sR	303	ALA	3.4
26	7	72	SER	3.4
1	1	1574	C	3.4
26	7	84	GLY	3.4
83	e1	102	VAL	3.4
67	S	96	SER	3.4
44	AP	104	LEU	3.4
53	E	88	ALA	3.4
70	d0	74	GLU	3.4
7	CG	295	GLY	3.4
55	G	151	GLY	3.4
1	1	1952	G	3.4
56	s6	168	THR	3.4

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Mol	Chain	Res	Type	RSRZ
12	CL	112	GLN	3.4
1	AR	2507	C	3.4
2	3	73	C	3.4
7	CG	287	ALA	3.4
76	b	35	ALA	3.4
1	AR	3157	U	3.4
81	g	87	THR	3.4
10	CJ	45	ASN	3.3
36	DI	61	GLN	3.3
67	c7	97	ASN	3.3
74	Z	125	LEU	3.3
82	sR	47	LEU	3.3
25	6	214	G	3.3
68	T	22	VAL	3.3
76	b	63	ALA	3.3
26	CY	92	GLU	3.3
1	1	2996	U	3.3
26	CY	86	SER	3.3
15	u	8	LYS	3.3
74	d4	133	ASN	3.3
75	a	36	ALA	3.3
55	G	153	GLY	3.3
1	AR	544	C	3.3
25	6	1192	C	3.3
25	A	658	C	3.3
7	CG	297	GLN	3.3
39	DL	87	SER	3.3
20	z	177	VAL	3.3
25	6	71	A	3.3
53	s3	25	PHE	3.3
42	DO	78	ILE	3.3
53	E	135	GLU	3.3
70	V	74	GLU	3.3
51	C	217	LEU	3.3
18	x	159	LYS	3.3
1	AR	1354	G	3.3
1	AR	2522	G	3.3
58	J	20	GLN	3.3
61	c1	2	SER	3.3
25	6	261	U	3.3
25	A	820	U	3.3
25	A	1059	U	3.3

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Mol	Chain	Res	Type	RSRZ
67	S	97	ASN	3.3
52	D	163	GLY	3.3
82	sR	136	ILE	3.3
1	AR	621	A	3.3
1	AR	2093	A	3.3
25	6	225	A	3.3
25	A	1681	A	3.3
43	DP	24	SER	3.3
44	AP	106	PHE	3.3
59	K	104	PHE	3.3
12	CL	209	ASN	3.3
51	C	84	ILE	3.3
61	M	54	ILE	3.3
1	1	1555	U	3.3
18	x	174	GLY	3.3
25	A	241	U	3.3
73	Y	3	LYS	3.2
1	1	1571	A	3.2
70	d0	118	VAL	3.2
26	7	63	ILE	3.2
70	V	121	ASN	3.2
70	V	82	TYR	3.2
25	A	914	G	3.2
48	sM	82	THR	3.2
76	b	84	VAL	3.2
65	c5	133	ALA	3.2
53	E	148	LYS	3.2
53	s3	174	HIS	3.2
26	CY	94	ARG	3.2
53	E	143	ARG	3.2
1	AR	1569	U	3.2
25	6	1708	U	3.2
83	e1	150	VAL	3.2
58	J	147	ALA	3.2
23	5	89	LEU	3.2
49	p0	76	LEU	3.2
55	s5	165	LEU	3.2
77	d7	33	LEU	3.2
60	L	89	GLY	3.2
62	c2	86	VAL	3.2
81	g	84	VAL	3.2
14	CN	132	ALA	3.2

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Mol	Chain	Res	Type	RSRZ
50	s0	40	ALA	3.2
62	c2	92	ALA	3.2
18	CR	180	LYS	3.2
70	d0	64	LYS	3.2
76	b	3	LYS	3.2
78	d	26	THR	3.2
1	AR	3153	U	3.2
25	A	1370	U	3.2
59	s9	67	PRO	3.2
18	CR	175	ARG	3.2
82	sR	121	MET	3.2
26	7	92	GLU	3.2
36	DI	111	ALA	3.2
53	s3	152	PHE	3.2
67	S	126	ALA	3.2
55	G	172	ILE	3.2
70	V	81	THR	3.2
82	sR	25	THR	3.2
32	DE	12	GLN	3.1
56	H	66	GLY	3.1
62	c2	113	ARG	3.1
25	6	1491	U	3.1
4	CD	249	SER	3.1
64	P	20	TYR	3.1
18	CR	158	ALA	3.1
60	c0	98	THR	3.1
25	A	676	G	3.1
46	i	101	ASP	3.1
31	AC	25	LYS	3.1
70	V	31	VAL	3.1
58	J	155	SER	3.1
61	M	4	GLU	3.1
1	AR	439	C	3.1
25	A	1703	C	3.1
76	d6	45	VAL	3.1
66	c6	46	PHE	3.1
54	s4	131	LEU	3.1
1	AR	245	U	3.1
1	AR	3319	U	3.1
55	G	186	ASN	3.1
73	d3	10	ASN	3.1
74	Z	34	ASN	3.1

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Mol	Chain	Res	Type	RSRZ
82	sR	30	PRO	3.1
74	d4	106	GLN	3.1
1	1	1556	C	3.1
1	AR	2536	A	3.1
26	7	68	ALA	3.1
39	AK	86	ALA	3.1
65	Q	101	ALA	3.1
82	sR	2	ALA	3.1
82	sR	27	ALA	3.1
70	V	86	ILE	3.1
1	1	3155	U	3.1
25	6	710	U	3.1
1	AR	437	G	3.1
62	c2	34	THR	3.1
66	R	5	PRO	3.1
70	V	70	THR	3.1
57	s7	175	LYS	3.1
46	i	37	VAL	3.1
61	c1	42	PHE	3.1
34	AF	127	ALA	3.1
50	B	40	ALA	3.1
66	c6	3	ALA	3.1
76	d6	81	ALA	3.1
4	CD	251	LYS	3.0
46	i	9	GLY	3.0
56	s6	165	GLY	3.0
61	M	151	LYS	3.0
70	V	43	LYS	3.0
57	s7	109	VAL	3.0
62	c2	74	LEU	3.0
25	A	228	G	3.0
58	s8	148	ALA	3.0
13	CM	78	GLU	3.0
10	CJ	106	LYS	3.0
26	CY	84	GLY	3.0
50	s0	166	GLY	3.0
81	g	104	SER	3.0
82	sR	17	ASN	3.0
25	6	1707	A	3.0
67	S	110	VAL	3.0
69	U	71	VAL	3.0
74	Z	35	VAL	3.0

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Mol	Chain	Res	Type	RSRZ
1	1	3079	U	3.0
1	AR	3155	U	3.0
48	sM	66	ALA	3.0
38	AJ	100	HIS	3.0
65	c5	9	LYS	3.0
50	s0	207	PRO	3.0
54	F	143	ASP	3.0
37	AI	13	SER	3.0
70	V	120	SER	3.0
41	DN	32	ASN	3.0
70	V	118	VAL	3.0
51	s1	217	LEU	3.0
14	t	46	ILE	3.0
55	G	40	ILE	3.0
30	DC	30	GLY	3.0
51	C	178	GLY	3.0
56	s6	173	PRO	3.0
15	u	135	LEU	3.0
26	7	73	ARG	3.0
50	B	29	VAL	3.0
38	DK	96	ALA	3.0
56	H	158	ILE	3.0
60	L	30	ALA	3.0
69	U	50	ALA	3.0
3	4	79	A	3.0
25	A	754	A	3.0
46	i	116	GLU	3.0
32	DE	67	VAL	3.0
18	CR	170	SER	3.0
52	D	90	THR	3.0
60	L	90	THR	3.0
73	d3	21	ASN	3.0
25	A	1435	G	2.9
54	F	167	GLY	2.9
55	G	75	GLY	2.9
65	c5	10	ARG	2.9
74	d4	67	GLY	2.9
26	CY	67	VAL	2.9
51	C	207	LEU	2.9
25	A	1694	A	2.9
1	AR	1820	U	2.9
27	CZ	32	PHE	2.9

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Mol	Chain	Res	Type	RSRZ
55	G	84	LYS	2.9
64	c4	47	LYS	2.9
70	d0	70	THR	2.9
50	B	39	ASN	2.9
67	c7	104	ASN	2.9
67	c7	105	GLN	2.9
70	d0	75	GLY	2.9
61	M	91	LEU	2.9
26	7	66	GLU	2.9
1	AR	1577	G	2.9
25	6	656	G	2.9
25	A	1486	G	2.9
1	AR	2404	A	2.9
12	r	209	ASN	2.9
60	c0	96	ASN	2.9
51	C	96	LEU	2.9
64	P	28	VAL	2.9
68	c8	3	LEU	2.9
20	z	152	GLU	2.9
50	s0	173	ILE	2.9
61	M	156	PHE	2.9
51	C	230	ALA	2.9
11	CK	190	ASP	2.9
64	c4	124	ASP	2.9
44	AP	48	SER	2.9
83	e1	146	SER	2.9
25	6	226	A	2.9
25	A	73	U	2.9
58	s8	52	ASN	2.9
64	P	29	HIS	2.9
65	c5	6	ASN	2.9
62	N	88	LEU	2.9
68	c8	18	LEU	2.9
46	i	98	GLY	2.9
62	c2	31	VAL	2.9
79	d9	23	VAL	2.9
82	sR	309	VAL	2.9
46	i	250	GLU	2.9
10	CJ	256	ALA	2.9
37	DJ	2	ALA	2.9
37	DJ	120	ALA	2.9
66	R	114	ARG	2.9

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Mol	Chain	Res	Type	RSRZ
70	V	68	ARG	2.9
82	sR	191	ASP	2.9
5	k	387	LEU	2.9
26	7	95	SER	2.9
53	s3	142	LEU	2.9
73	Y	18	HIS	2.9
23	5	27	VAL	2.9
54	F	127	LYS	2.9
55	G	222	LYS	2.9
56	s6	143	LYS	2.9
1	1	3156	U	2.9
69	U	2	PRO	2.9
1	1	1350	A	2.9
1	AR	2539	C	2.9
25	6	72	A	2.9
25	6	1227	A	2.9
53	s3	115	ILE	2.9
70	V	106	ILE	2.9
35	AG	2	ALA	2.8
11	CK	191	LEU	2.8
32	DE	104	LEU	2.8
24	lR	137	VAL	2.8
65	Q	51	SER	2.8
67	c7	88	VAL	2.8
51	C	63	GLY	2.8
68	c8	19	ASN	2.8
10	CJ	49	TYR	2.8
53	E	217	ILE	2.8
67	S	53	TYR	2.8
3	4	81	U	2.8
10	CJ	114	ALA	2.8
15	CO	92	GLU	2.8
17	CQ	183	ALA	2.8
25	6	320	U	2.8
60	c0	94	GLU	2.8
62	N	21	GLU	2.8
25	6	1256	A	2.8
59	K	116	LEU	2.8
1	1	1573	G	2.8
1	1	1576	G	2.8
1	AR	3286	G	2.8
70	V	87	HIS	2.8

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Mol	Chain	Res	Type	RSRZ
36	AH	73	SER	2.8
60	L	60	SER	2.8
76	b	98	PRO	2.8
80	f	60	PRO	2.8
70	d0	121	ASN	2.8
76	b	44	ILE	2.8
18	CR	183	ALA	2.8
39	DL	86	ALA	2.8
66	c6	143	ARG	2.8
1	1	3277	U	2.8
1	AR	1815	U	2.8
1	AR	3277	U	2.8
82	h	7	LEU	2.8
62	c2	105	LYS	2.8
1	1	2100	A	2.8
1	1	2401	A	2.8
1	AR	438	A	2.8
22	CV	124	VAL	2.8
25	A	321	C	2.8
4	CD	250	GLN	2.8
18	CR	174	GLY	2.8
50	B	30	GLN	2.8
73	Y	63	GLN	2.8
75	a	73	GLY	2.8
13	CM	65	ILE	2.8
79	d9	38	ILE	2.8
82	h	3	SER	2.8
10	CJ	240	ASN	2.8
20	z	189	ALA	2.8
46	i	90	ALA	2.8
51	s1	227	ALA	2.8
17	w	40	GLU	2.8
20	CT	185	LEU	2.8
51	C	86	LEU	2.8
55	G	194	LEU	2.8
64	P	102	LEU	2.8
82	sR	270	LEU	2.8
55	G	99	MET	2.8
78	d	57	MET	2.8
80	f	50	VAL	2.8
1	1	1356	U	2.8
25	A	650	U	2.8

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Mol	Chain	Res	Type	RSRZ
63	c3	23	PRO	2.8
1	1	1580	A	2.8
1	AR	1016	C	2.8
20	z	85	ARG	2.8
25	A	1693	A	2.8
25	A	1082	C	2.8
15	CO	9	ALA	2.8
60	c0	28	ASN	2.8
53	s3	41	VAL	2.8
1	1	2206	G	2.8
67	S	25	THR	2.8
60	c0	89	GLY	2.8
12	r	112	GLN	2.7
61	M	153	PHE	2.8
1	AR	1356	U	2.7
25	6	718	U	2.7
59	K	2	PRO	2.7
18	CR	156	ALA	2.7
61	c1	146	ALA	2.7
48	sM	83	LYS	2.7
72	X	85	ASP	2.7
82	h	65	SER	2.7
7	CG	293	LEU	2.7
1	AR	2772	C	2.7
9	CI	26	VAL	2.7
82	sR	104	VAL	2.7
52	D	145	GLY	2.7
70	V	85	ARG	2.7
73	Y	4	GLY	2.7
1	AR	171	G	2.7
7	CG	5	LYS	2.7
1	AR	1570	U	2.7
1	AR	1705	U	2.7
25	6	719	U	2.7
25	A	133	U	2.7
60	c0	82	LEU	2.7
64	P	34	SER	2.7
20	z	187	GLU	2.7
1	1	1762	C	2.7
1	AR	546	C	2.7
25	6	726	C	2.7
26	7	90	ILE	2.7

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Mol	Chain	Res	Type	RSRZ
64	P	75	GLY	2.7
70	d0	20	ILE	2.7
70	V	60	THR	2.7
66	R	41	PRO	2.7
36	AH	2	ALA	2.7
57	I	108	GLN	2.7
55	G	198	LEU	2.7
59	K	60	LEU	2.7
82	h	81	LEU	2.7
55	s5	61	TYR	2.7
55	G	96	SER	2.7
62	c2	123	VAL	2.7
1	AR	240	U	2.7
3	AT	158	U	2.7
6	CF	63	GLU	2.7
7	m	124	GLU	2.7
25	A	260	U	2.7
25	6	651	G	2.7
14	CN	93	ILE	2.7
18	x	182	ILE	2.7
32	DE	100	ILE	2.7
38	DK	58	ILE	2.7
56	s6	156	PHE	2.7
25	6	218	A	2.7
25	6	684	A	2.7
14	CN	193	ALA	2.7
11	q	191	LEU	2.7
25	6	321	C	2.7
25	A	1686	C	2.7
75	a	65	LEU	2.7
83	e1	106	TYR	2.7
10	p	132	VAL	2.7
18	x	157	VAL	2.7
67	c7	66	VAL	2.7
10	p	202	GLU	2.7
76	b	8	ASN	2.7
1	1	979	U	2.7
1	AR	1765	U	2.7
25	A	134	U	2.7
25	A	918	U	2.7
25	A	1704	U	2.7
26	7	97	LYS	2.7

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Mol	Chain	Res	Type	RSRZ
53	s3	185	LYS	2.7
61	c1	24	LYS	2.7
58	J	148	ALA	2.7
25	A	1583	A	2.7
9	o	26	VAL	2.7
17	w	3	VAL	2.7
54	F	105	VAL	2.7
68	T	5	VAL	2.7
70	d0	117	VAL	2.7
25	A	1705	C	2.7
27	8	33	ARG	2.7
54	F	252	ARG	2.7
26	7	65	GLU	2.6
46	i	242	GLU	2.6
70	V	103	ILE	2.6
4	j	251	LYS	2.6
52	s2	78	ASP	2.6
55	s5	57	SER	2.6
61	c1	147	GLY	2.6
13	CM	7	ASN	2.6
1	AR	1351	U	2.6
65	c5	131	ALA	2.6
66	c6	17	THR	2.6
81	g	145	HIS	2.6
7	CG	4	GLN	2.6
18	x	179	GLN	2.6
56	H	153	VAL	2.6
62	c2	75	VAL	2.6
75	a	60	VAL	2.6
79	d9	6	VAL	2.6
23	5	108	TYR	2.6
1	1	1635	G	2.6
1	1	3286	G	2.6
25	6	1695	G	2.6
25	A	1698	G	2.6
1	AR	2445	A	2.6
46	i	169	LYS	2.6
22	CV	159	PHE	2.6
58	s8	50	GLY	2.6
1	AR	2444	C	2.6
25	A	239	C	2.6
51	s1	89	ASP	2.6

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Mol	Chain	Res	Type	RSRZ
5	CE	387	LEU	2.6
8	n	97	ASN	2.6
61	M	144	ALA	2.6
77	c	38	PRO	2.6
82	sR	162	ALA	2.6
61	M	6	THR	2.6
67	c7	25	THR	2.6
80	e0	48	THR	2.6
67	S	95	ARG	2.6
1	1	1815	U	2.6
1	AR	1353	U	2.6
17	CQ	3	VAL	2.6
46	i	19	VAL	2.6
66	c6	4	VAL	2.6
30	AB	115	LYS	2.6
46	i	83	LYS	2.6
61	M	90	TYR	2.6
63	c3	16	ILE	2.6
14	CN	164	GLU	2.6
30	DC	97	GLU	2.6
53	s3	135	GLU	2.6
54	F	124	GLY	2.6
62	c2	102	GLY	2.6
7	CG	7	ALA	2.6
25	6	579	A	2.6
50	B	206	ASP	2.6
55	G	161	ASP	2.6
66	R	3	ALA	2.6
1	1	3289	G	2.6
25	6	712	G	2.6
25	6	1150	G	2.6
25	A	1696	G	2.6
25	A	1699	G	2.6
1	1	2548	C	2.6
25	6	1284	C	2.6
46	i	97	THR	2.6
62	c2	30	VAL	2.6
36	DI	33	GLN	2.6
82	h	52	GLN	2.6
70	V	69	LYS	2.6
81	g	83	LYS	2.6
1	1	1764	U	2.6

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Mol	Chain	Res	Type	RSRZ
1	1	3287	U	2.6
1	AR	1094	U	2.6
1	AR	1567	U	2.6
14	CN	46	ILE	2.6
25	6	727	U	2.6
25	6	1276	U	2.6
25	6	1473	U	2.6
29	AA	72	ILE	2.6
66	R	43	ILE	2.6
77	c	32	PHE	2.6
49	p0	184	GLY	2.6
54	F	25	GLY	2.6
55	G	42	LEU	2.6
62	N	62	LEU	2.6
7	CG	263	GLU	2.6
37	DJ	8	GLU	2.6
20	z	54	ALA	2.6
65	c5	7	ALA	2.6
5	CE	363	SER	2.6
57	s7	187	SER	2.6
83	e1	104	SER	2.6
26	7	83	THR	2.6
53	E	138	VAL	2.6
25	6	793	A	2.6
54	s4	134	LYS	2.6
66	c6	140	LYS	2.6
82	h	161	LYS	2.6
66	c6	139	GLN	2.6
1	AR	494	G	2.6
25	6	1220	C	2.6
25	6	1229	G	2.6
71	W	34	ILE	2.6
77	d7	62	ILE	2.6
79	d9	31	ILE	2.6
7	CG	185	PHE	2.6
82	sR	250	TYR	2.6
7	m	293	LEU	2.6
51	C	231	LEU	2.6
73	Y	111	GLY	2.6
25	6	194	U	2.6
25	A	137	U	2.6
25	A	718	U	2.6

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Mol	Chain	Res	Type	RSRZ
20	CT	54	ALA	2.6
52	s2	208	GLU	2.6
15	u	6	ILE	2.5
66	c6	118	ILE	2.5
82	sR	52	GLN	2.5
79	d9	7	TRP	2.5
1	1	2208	A	2.5
1	AR	1355	A	2.5
1	AR	2547	A	2.5
25	6	829	A	2.5
69	U	80	TYR	2.5
74	d4	125	LEU	2.5
82	h	32	LEU	2.5
63	O	59	GLY	2.5
67	c7	98	GLY	2.5
1	1	2546	C	2.5
25	6	658	C	2.5
25	A	704	C	2.5
25	A	1426	C	2.5
40	DM	2	ALA	2.5
55	s5	155	ALA	2.5
58	J	22	ARG	2.5
1	AR	244	G	2.5
1	1	1955	U	2.5
1	AR	1572	U	2.5
1	AR	2538	U	2.5
1	AR	3355	U	2.5
25	6	681	U	2.5
25	A	1682	U	2.5
53	E	185	LYS	2.5
53	s3	138	VAL	2.5
64	P	123	SER	2.5
70	V	104	THR	2.5
78	d	21	SER	2.5
10	CJ	123	GLN	2.5
22	CV	103	GLN	2.5
82	sR	54	PHE	2.5
9	CI	23	ALA	2.5
55	G	154	ALA	2.5
1	AR	1350	A	2.5
25	A	1371	A	2.5
59	K	5	PRO	2.5

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Mol	Chain	Res	Type	RSRZ
62	c2	114	LYS	2.5
65	c5	52	LYS	2.5
48	sM	37	VAL	2.5
25	6	1195	C	2.5
1	1	1568	U	2.5
10	CJ	160	ILE	2.5
17	CQ	184	THR	2.5
25	A	132	U	2.5
29	DB	72	ILE	2.5
60	L	85	HIS	2.5
50	s0	2	SER	2.5
55	s5	96	SER	2.5
57	s7	2	SER	2.5
57	s7	49	ILE	2.5
75	a	71	ILE	2.5
61	c1	5	LEU	2.5
81	g	103	LEU	2.5
82	sR	311	ARG	2.5
61	M	155	LYS	2.5
76	d6	35	ALA	2.5
81	g	101	ALA	2.5
46	i	182	GLU	2.5
53	E	137	VAL	2.5
56	s6	157	VAL	2.5
59	K	141	VAL	2.5
78	d	44	VAL	2.5
1	1	440	A	2.5
1	1	3170	A	2.5
1	AR	3359	A	2.5
25	A	1707	A	2.5
13	s	96	PHE	2.5
1	1	1348	U	2.5
1	1	1570	U	2.5
36	DI	81	CYS	2.5
55	G	104	ASN	2.5
68	T	44	ASN	2.5
10	CJ	102	ALA	2.5
20	z	53	LYS	2.5
34	DG	2	ALA	2.5
55	G	54	LYS	2.5
56	s6	167	LYS	2.5
65	Q	8	LYS	2.5

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Mol	Chain	Res	Type	RSRZ
70	V	30	LYS	2.5
70	V	61	LYS	2.5
1	1	1226	G	2.5
1	AR	1573	G	2.5
25	A	195	G	2.5
52	D	86	VAL	2.5
52	s2	86	VAL	2.5
54	F	129	VAL	2.5
55	G	59	VAL	2.5
81	g	150	VAL	2.5
55	s5	29	ILE	2.5
59	K	134	ILE	2.5
51	s1	61	LEU	2.5
53	s3	21	LEU	2.5
53	s3	69	LEU	2.5
74	Z	96	LEU	2.5
70	V	27	THR	2.5
18	CR	164	LYS	2.5
30	DC	20	GLY	2.5
59	K	87	SER	2.5
75	a	48	ASP	2.5
10	p	250	ALA	2.5
49	p0	107	ALA	2.5
81	g	85	TYR	2.5
3	4	158	U	2.5
25	6	721	U	2.5
25	A	280	U	2.5
25	A	558	U	2.5
53	s3	177	MET	2.5
82	sR	316	MET	2.5
66	c6	19	VAL	2.5
69	U	6	VAL	2.5
13	CM	157	GLU	2.5
37	AI	8	GLU	2.5
19	y	57	ILE	2.4
60	c0	35	ILE	2.4
63	O	92	ILE	2.4
76	b	41	ILE	2.4
25	A	656	G	2.4
56	H	156	PHE	2.4
76	b	93	LYS	2.4
10	CJ	35	GLY	2.4

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Mol	Chain	Res	Type	RSRZ
36	AH	77	GLY	2.4
12	r	219	ALA	2.4
24	lR	2	SER	2.4
63	O	14	SER	2.4
46	i	16	ASP	2.4
50	B	157	ASP	2.4
65	Q	28	MET	2.4
51	C	95	ASN	2.4
55	G	44	ASN	2.4
1	AR	1352	A	2.4
1	AR	3279	A	2.4
3	AT	89	A	2.4
64	P	42	VAL	2.4
25	A	227	U	2.4
25	A	232	U	2.4
36	DI	20	ILE	2.4
58	J	152	ILE	2.4
13	CM	12	LEU	2.4
52	s2	91	ARG	2.4
59	K	3	ARG	2.4
65	Q	10	ARG	2.4
70	V	63	LEU	2.4
32	AD	85	PHE	2.4
31	AC	59	LYS	2.4
62	N	105	LYS	2.4
55	G	176	THR	2.4
10	CJ	246	MET	2.4
13	s	90	GLN	2.4
14	t	135	ALA	2.4
20	CT	183	ALA	2.4
58	s8	19	ALA	2.4
58	s8	100	ALA	2.4
82	sR	177	MET	2.4
1	AR	2210	G	2.4
20	CT	177	VAL	2.4
25	6	797	G	2.4
25	A	655	G	2.4
55	s5	168	VAL	2.4
56	s6	148	SER	2.4
57	I	73	VAL	2.4
60	c0	22	VAL	2.4
60	c0	65	TYR	2.4

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Mol	Chain	Res	Type	RSRZ
83	e1	122	SER	2.4
50	s0	190	ASP	2.4
50	s0	206	ASP	2.4
64	P	66	ASP	2.4
48	sM	54	PRO	2.4
82	h	4	ASN	2.4
4	CD	247	ARG	2.4
20	CT	5	ARG	2.4
26	7	93	ARG	2.4
62	N	71	ILE	2.4
64	P	41	ARG	2.4
64	P	83	ILE	2.4
1	AR	980	A	2.4
25	6	1694	A	2.4
5	CE	298	PHE	2.4
25	6	73	U	2.4
25	6	795	U	2.4
25	A	912	U	2.4
36	DI	21	LYS	2.4
49	p0	197	PHE	2.4
1	1	1569	U	2.4
1	1	2570	U	2.4
58	s8	123	LYS	2.4
1	AR	1556	C	2.4
25	A	1711	C	2.4
6	l	60	THR	2.4
51	C	233	GLY	2.4
55	s5	75	GLY	2.4
70	d0	67	THR	2.4
82	sR	168	THR	2.4
18	x	156	ALA	2.4
41	DN	14	ALA	2.4
79	d9	20	GLN	2.4
62	c2	64	SER	2.4
54	s4	162	ILE	2.4
62	c2	59	LEU	2.4
64	P	115	ILE	2.4
64	c4	62	LEU	2.4
70	V	34	LEU	2.4
82	h	115	ILE	2.4
28	DA	113	LYS	2.4
1	AR	1953	G	2.4

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Mol	Chain	Res	Type	RSRZ
7	m	3	PHE	2.4
37	DJ	102	GLU	2.4
65	Q	12	PHE	2.4
1	AR	1704	A	2.4
6	l	311	HIS	2.4
25	A	713	A	2.4
25	A	1425	A	2.4
1	1	1820	U	2.4
1	1	2538	U	2.4
1	AR	1348	U	2.4
1	AR	2954	U	2.4
23	5	46	ALA	2.4
25	6	1437	U	2.4
25	A	183	U	2.4
57	I	145	GLY	2.4
15	CO	130	THR	2.4
46	i	102	THR	2.4
56	H	168	THR	2.4
61	M	78	THR	2.4
70	V	107	THR	2.4
51	C	43	VAL	2.4
80	e0	50	VAL	2.4
82	sR	290	VAL	2.4
57	I	150	GLN	2.4
70	V	18	GLN	2.4
25	A	1399	C	2.4
4	CD	147	ARG	2.4
31	DD	27	TYR	2.4
54	F	138	TYR	2.4
60	L	95	ARG	2.4
5	k	317	ILE	2.4
23	5	38	ILE	2.4
34	DG	128	LEU	2.4
62	c2	28	LEU	2.4
63	O	88	LEU	2.4
10	CJ	245	LYS	2.4
46	i	14	ASP	2.4
46	i	86	ASN	2.4
59	K	74	ASN	2.4
12	CL	213	PHE	2.4
40	DM	11	PHE	2.4
51	s1	90	GLU	2.4

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Mol	Chain	Res	Type	RSRZ
65	Q	54	ALA	2.4
76	b	47	ALA	2.4
46	i	106	VAL	2.4
55	G	70	VAL	2.4
25	6	676	G	2.4
25	6	714	G	2.4
82	h	306	THR	2.4
1	1	2209	U	2.4
1	AR	1764	U	2.4
25	6	1258	U	2.4
25	A	740	A	2.4
25	A	755	A	2.4
56	s6	88	ARG	2.4
56	s6	190	GLN	2.4
13	s	167	TYR	2.3
53	s3	217	ILE	2.3
56	H	169	TYR	2.3
56	s6	175	ILE	2.3
57	s7	8	ILE	2.3
70	V	58	LEU	2.3
75	d5	75	LEU	2.3
82	sR	13	LEU	2.3
82	sR	144	LEU	2.3
26	7	77	LYS	2.3
74	Z	123	LYS	2.3
80	f	53	LYS	2.3
12	r	217	PHE	2.3
70	d0	76	SER	2.3
70	d0	36	ASN	2.3
71	d1	4	ASP	2.3
74	d4	26	ASP	2.3
15	CO	138	ALA	2.3
50	B	50	VAL	2.3
67	S	88	VAL	2.3
81	g	102	VAL	2.3
46	i	81	THR	2.3
46	i	100	THR	2.3
55	s5	94	THR	2.3
56	H	163	THR	2.3
56	H	219	ARG	2.3
70	V	29	THR	2.3
80	e0	55	ARG	2.3

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Mol	Chain	Res	Type	RSRZ
82	sR	317	THR	2.3
51	s1	54	LEU	2.3
56	H	124	LEU	2.3
57	s7	126	LEU	2.3
52	s2	87	GLN	2.3
67	c7	118	PRO	2.3
70	d0	19	ILE	2.3
70	d0	101	LYS	2.3
1	1	252	U	2.3
1	AR	545	U	2.3
1	AR	1568	U	2.3
25	6	1257	U	2.3
25	6	1371	A	2.3
25	A	135	A	2.3
25	A	719	U	2.3
25	A	822	U	2.3
1	AR	1021	G	2.3
1	AR	2574	G	2.3
25	6	487	G	2.3
25	6	1265	G	2.3
25	A	702	G	2.3
25	A	1715	G	2.3
27	CZ	29	SER	2.3
37	DJ	98	SER	2.3
10	p	89	GLU	2.3
10	CJ	100	GLU	2.3
10	CJ	161	GLU	2.3
51	C	103	MET	2.3
60	c0	3	MET	2.3
63	c3	72	MET	2.3
1	1	1579	C	2.3
1	AR	3164	C	2.3
27	CZ	23	ALA	2.3
50	B	139	VAL	2.3
69	c9	136	ALA	2.3
74	Z	100	VAL	2.3
78	d	46	GLY	2.3
20	CT	164	LEU	2.3
56	s6	133	LEU	2.3
65	Q	52	LYS	2.3
65	Q	50	THR	2.3
70	V	99	ILE	2.3

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Mol	Chain	Res	Type	RSRZ
50	B	138	TYR	2.3
1	1	3275	U	2.3
1	AR	133	U	2.3
25	6	792	U	2.3
25	A	792	U	2.3
53	s3	139	SER	2.3
57	I	66	SER	2.3
76	b	76	SER	2.3
1	AR	440	A	2.3
21	CU	21	GLU	2.3
23	5	52	ASN	2.3
25	6	138	A	2.3
25	6	1081	A	2.3
4	j	13	GLY	2.3
8	CH	15	VAL	2.3
14	CN	47	ALA	2.3
53	E	164	VAL	2.3
53	E	183	GLY	2.3
53	s3	3	ALA	2.3
57	s7	73	VAL	2.3
64	P	121	VAL	2.3
78	d8	65	ARG	2.3
82	h	78	ALA	2.3
82	h	95	ALA	2.3
1	1	2442	G	2.3
1	1	3080	G	2.3
4	CD	19	HIS	2.3
25	6	228	G	2.3
51	C	222	LYS	2.3
54	F	134	LYS	2.3
53	E	142	LEU	2.3
55	G	175	LEU	2.3
58	s8	179	CYS	2.3
70	V	101	LYS	2.3
77	c	41	LEU	2.3
77	d7	59	CYS	2.3
62	c2	126	TRP	2.3
68	c8	14	ILE	2.3
82	h	136	ILE	2.3
4	j	252	THR	2.3
57	I	133	THR	2.3
9	o	217	PRO	2.3

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Mol	Chain	Res	Type	RSRZ
54	s4	29	PRO	2.3
65	c5	109	PRO	2.3
55	s5	43	PHE	2.3
59	K	164	PHE	2.3
7	m	294	ALA	2.3
32	DE	21	GLY	2.3
39	DL	2	GLY	2.3
40	AL	55	VAL	2.3
41	DN	3	ALA	2.3
61	c1	145	ALA	2.3
62	c2	21	GLU	2.3
1	AR	1564	U	2.3
3	AT	82	U	2.3
10	CJ	254	ASP	2.3
50	B	43	ASP	2.3
63	O	138	ASN	2.3
25	6	680	U	2.3
25	A	921	U	2.3
57	I	38	LEU	2.3
66	c6	44	LEU	2.3
81	g	93	HIS	2.3
1	1	1352	A	2.3
57	s7	162	ILE	2.3
62	c2	106	ILE	2.3
77	d7	43	ILE	2.3
51	C	98	THR	2.3
50	B	107	PHE	2.3
1	AR	2442	G	2.3
1	AR	3197	G	2.3
1	AR	3288	G	2.3
83	e1	148	TYR	2.3
1	1	765	C	2.3
25	6	239	C	2.3
25	A	700	C	2.3
32	AD	35	ARG	2.3
59	K	54	ARG	2.3
35	AG	59	VAL	2.3
50	s0	189	VAL	2.3
58	s8	198	ALA	2.3
70	V	62	VAL	2.3
62	c2	55	GLY	2.3
6	l	2	SER	2.3

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Mol	Chain	Res	Type	RSRZ
10	CJ	255	SER	2.3
27	CZ	34	LEU	2.3
38	DK	27	SER	2.3
55	G	58	LEU	2.3
62	c2	47	GLU	2.3
68	c8	32	LEU	2.3
70	V	94	GLU	2.3
23	5	11	ILE	2.2
62	N	24	ILE	2.2
79	e	50	ILE	2.2
82	sR	51	ASP	2.2
51	s1	223	PHE	2.2
57	I	131	PHE	2.2
65	c5	12	PHE	2.2
76	b	65	PRO	2.2
28	DA	120	GLN	2.2
36	DI	62	TYR	2.2
56	H	65	GLN	2.2
67	c7	95	ARG	2.2
64	P	92	LYS	2.2
73	Y	5	LYS	2.2
74	d4	128	LYS	2.2
51	s1	20	VAL	2.2
68	c8	22	VAL	2.2
81	g	108	VAL	2.2
9	o	27	ALA	2.2
9	CI	163	LEU	2.2
17	CQ	181	ALA	2.2
54	s4	23	LEU	2.2
55	G	159	ALA	2.2
57	I	12	ALA	2.2
62	N	27	ALA	2.2
62	c2	101	ALA	2.2
75	a	87	GLY	2.2
77	d7	63	LEU	2.2
1	1	3360	C	2.2
25	6	1619	C	2.2
56	H	222	GLU	2.2
63	c3	86	GLU	2.2
4	j	218	HIS	2.2
20	CT	58	HIS	2.2
53	s3	6	SER	2.2

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Mol	Chain	Res	Type	RSRZ
64	P	80	HIS	2.2
66	R	121	SER	2.2
67	S	120	SER	2.2
82	sR	308	ASN	2.2
4	CD	16	PHE	2.2
13	CM	8	PRO	2.2
59	s9	104	PHE	2.2
81	g	88	PRO	2.2
49	p0	281	THR	2.2
1	AR	2996	U	2.2
18	x	181	ARG	2.2
25	A	178	U	2.2
58	s8	111	GLN	2.2
55	s5	41	LYS	2.2
66	R	14	LYS	2.2
81	g	105	TYR	2.2
10	p	116	VAL	2.2
46	i	275	VAL	2.2
55	s5	24	VAL	2.2
65	c5	11	VAL	2.2
73	d3	17	VAL	2.2
82	sR	58	VAL	2.2
1	1	2443	A	2.2
3	4	80	A	2.2
10	p	152	LEU	2.2
25	6	1436	A	2.2
51	s1	97	LEU	2.2
55	G	179	ALA	2.2
55	s5	56	ALA	2.2
56	H	147	LEU	2.2
61	M	5	LEU	2.2
62	N	59	LEU	2.2
63	c3	15	ALA	2.2
80	f	49	LEU	2.2
30	AB	116	GLY	2.2
53	E	209	ILE	2.2
63	O	16	ILE	2.2
55	G	181	GLU	2.2
1	1	1017	C	2.2
1	AR	1574	C	2.2
11	q	190	ASP	2.2
25	6	1399	C	2.2

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Mol	Chain	Res	Type	RSRZ
55	G	48	PHE	2.2
60	L	83	PRO	2.2
64	P	94	PRO	2.2
73	d3	6	PRO	2.2
73	d3	27	ASN	2.2
77	c	28	PRO	2.2
80	f	58	PRO	2.2
82	h	76	ASP	2.2
62	c2	108	ARG	2.2
1	AR	243	G	2.2
1	AR	1268	G	2.2
1	AR	1786	G	2.2
18	CR	163	LYS	2.2
25	A	845	G	2.2
51	C	126	THR	2.2
62	N	85	LYS	2.2
64	P	89	THR	2.2
82	sR	99	THR	2.2
28	9	120	GLN	2.2
55	s5	77	TYR	2.2
60	L	64	TYR	2.2
60	c0	62	GLN	2.2
82	sR	79	TYR	2.2
11	q	43	VAL	2.2
35	DH	59	VAL	2.2
82	h	6	VAL	2.2
82	sR	6	VAL	2.2
22	CV	31	LEU	2.2
54	F	207	LEU	2.2
66	R	44	LEU	2.2
73	Y	57	LEU	2.2
82	sR	32	LEU	2.2
1	AR	246	U	2.2
1	AR	981	U	2.2
20	CT	131	ALA	2.2
25	6	1398	U	2.2
25	A	74	U	2.2
82	h	75	ALA	2.2
7	m	127	GLY	2.2
60	L	86	ILE	2.2
1	1	1355	A	2.2
25	6	254	A	2.2

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Mol	Chain	Res	Type	RSRZ
26	CY	65	GLU	2.2
33	AE	79	ARG	2.2
46	i	110	TRP	2.2
69	U	123	ARG	2.2
80	e0	61	SER	2.2
10	CJ	122	LYS	2.2
51	C	35	PRO	2.2
51	C	55	LYS	2.2
58	J	17	LYS	2.2
65	Q	9	LYS	2.2
73	Y	137	LYS	2.2
83	e1	124	PRO	2.2
24	CX	4	ASN	2.2
10	CJ	158	ASP	2.2
59	K	58	ASP	2.2
1	AR	1563	C	2.2
1	AR	1761	C	2.2
25	6	172	C	2.2
25	6	1537	C	2.2
34	DG	4	LEU	2.2
46	i	253	VAL	2.2
51	s1	207	LEU	2.2
55	G	64	VAL	2.2
55	G	77	TYR	2.2
60	L	58	GLN	2.2
60	c0	21	VAL	2.2
62	N	143	GLN	2.2
81	g	147	VAL	2.2
6	CF	218	ALA	2.2
51	C	60	ALA	2.2
57	s7	3	ALA	2.2
66	c6	24	ALA	2.2
76	b	81	ALA	2.2
37	AI	3	GLY	2.2
72	X	73	GLY	2.2
1	1	241	G	2.2
1	AR	2440	G	2.2
25	6	488	G	2.2
25	A	837	G	2.2
55	s5	40	ILE	2.2
56	H	5	ILE	2.2
64	P	19	ILE	2.2

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Mol	Chain	Res	Type	RSRZ
70	V	20	ILE	2.2
1	1	1094	U	2.2
1	1	1572	U	2.2
1	1	3078	U	2.2
1	1	3319	U	2.2
25	6	227	U	2.2
25	6	1621	U	2.2
12	r	186	GLU	2.2
17	CQ	100	GLU	2.2
43	AO	6	ARG	2.2
62	c2	139	HIS	2.2
9	CI	53	LYS	2.2
29	DB	56	LYS	2.2
61	M	29	LYS	2.2
64	P	14	PHE	2.2
25	6	673	A	2.2
57	s7	66	SER	2.2
6	CF	328	ASN	2.2
53	E	111	ASN	2.2
67	S	123	ASN	2.2
74	Z	133	ASN	2.2
19	CS	99	THR	2.2
26	CY	76	VAL	2.2
26	CY	87	LEU	2.2
32	AD	14	LEU	2.2
46	i	190	THR	2.2
50	B	158	VAL	2.2
51	s1	91	VAL	2.2
81	g	137	ASP	2.2
50	s0	204	TYR	2.2
7	CG	294	ALA	2.1
46	i	141	ALA	2.1
54	F	13	ALA	2.1
78	d8	63	ALA	2.1
50	B	100	GLY	2.1
61	c1	94	ILE	2.1
1	1	1578	C	2.1
1	AR	2572	C	2.1
55	s5	92	ARG	2.1
26	7	74	LYS	2.1
81	g	143	LYS	2.1
4	CD	36	GLU	2.1

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Mol	Chain	Res	Type	RSRZ
20	CT	152	GLU	2.1
62	c2	109	GLU	2.1
1	1	1351	U	2.1
25	6	260	U	2.1
25	6	742	U	2.1
25	A	75	U	2.1
25	A	380	U	2.1
1	AR	139	G	2.1
1	AR	1576	G	2.1
1	AR	1878	G	2.1
25	A	187	G	2.1
25	A	723	G	2.1
53	E	216	PRO	2.1
4	CD	246	LEU	2.1
15	u	5	SER	2.1
22	CV	126	VAL	2.1
48	sM	79	SER	2.1
53	s3	86	LEU	2.1
54	s4	41	SER	2.1
55	G	51	VAL	2.1
57	I	34	LEU	2.1
60	L	22	VAL	2.1
60	c0	80	LEU	2.1
26	7	64	THR	2.1
56	s6	163	THR	2.1
1	AR	1566	A	2.1
11	q	9	GLN	2.1
12	r	218	ALA	2.1
38	AJ	96	ALA	2.1
54	s4	33	ALA	2.1
67	c7	90	ALA	2.1
76	b	68	TYR	2.1
25	A	620	A	2.1
13	s	120	ILE	2.1
74	Z	67	GLY	2.1
75	d5	50	ILE	2.1
17	w	48	PHE	2.1
64	P	37	GLU	2.1
25	6	1634	C	2.1
25	6	1709	C	2.1
25	A	237	C	2.1
25	A	736	C	2.1

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Mol	Chain	Res	Type	RSRZ
57	I	32	PRO	2.1
81	g	124	PRO	2.1
38	DK	11	LEU	2.1
66	R	7	VAL	2.1
25	6	1283	U	2.1
25	A	240	U	2.1
10	p	199	ALA	2.1
20	CT	168	ALA	2.1
30	AB	66	ALA	2.1
37	AI	2	ALA	2.1
40	DM	24	THR	2.1
52	D	117	THR	2.1
53	E	3	ALA	2.1
53	E	119	ALA	2.1
54	s4	55	ALA	2.1
65	Q	131	ALA	2.1
80	e0	2	ALA	2.1
82	sR	244	ALA	2.1
33	DF	87	ASN	2.1
50	B	44	GLY	2.1
54	F	171	ASP	2.1
55	G	89	ILE	2.1
55	G	199	ILE	2.1
59	s9	156	ILE	2.1
66	R	96	TYR	2.1
25	6	677	G	2.1
25	6	1696	G	2.1
30	AB	76	ASP	2.1
74	d4	122	GLY	2.1
10	CJ	96	LYS	2.1
20	z	104	ARG	2.1
20	CT	173	ARG	2.1
36	DI	19	LYS	2.1
53	s3	143	ARG	2.1
1	AR	1025	A	2.1
25	6	65	A	2.1
55	G	82	PHE	2.1
82	h	71	CYS	2.1
10	CJ	82	LEU	2.1
14	CN	133	PRO	2.1
14	CN	136	GLU	2.1
78	d	6	PRO	2.1

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Mol	Chain	Res	Type	RSRZ
82	sR	64	HIS	2.1
61	M	80	MET	2.1
82	sR	141	LEU	2.1
82	sR	301	LEU	2.1
30	AB	56	VAL	2.1
70	d0	100	VAL	2.1
77	d7	46	VAL	2.1
1	AR	543	C	2.1
1	AR	1017	C	2.1
1	AR	1759	C	2.1
2	AS	19	C	2.1
20	z	131	ALA	2.1
25	A	1280	C	2.1
82	h	83	ALA	2.1
1	1	1763	U	2.1
1	1	1765	U	2.1
1	AR	1763	U	2.1
4	CD	34	TYR	2.1
5	CE	25	ILE	2.1
49	p0	285	SER	2.1
52	D	143	TYR	2.1
55	s5	68	ILE	2.1
78	d8	39	THR	2.1
23	CW	108	TYR	2.1
25	A	1363	U	2.1
25	A	1710	U	2.1
38	DK	78	GLY	2.1
54	F	256	ARG	2.1
58	s8	17	LYS	2.1
66	c6	47	LYS	2.1
73	d3	13	ARG	2.1
73	Y	79	ASN	2.1
32	AD	97	ASP	2.1
66	c6	113	ASP	2.1
1	1	1266	G	2.1
1	1	2714	G	2.1
20	CT	184	LEU	2.1
25	6	1767	G	2.1
25	A	641	G	2.1
33	DF	4	LEU	2.1
53	s3	59	LEU	2.1
4	CD	143	GLU	2.1

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Mol	Chain	Res	Type	RSRZ
7	m	123	GLU	2.1
25	6	538	A	2.1
25	6	755	A	2.1
25	6	1425	A	2.1
25	A	197	A	2.1
61	c1	117	VAL	2.1
72	X	33	VAL	2.1
74	d4	35	VAL	2.1
75	a	62	VAL	2.1
78	d	48	VAL	2.1
80	e0	47	VAL	2.1
55	s5	78	ALA	2.1
59	K	4	ALA	2.1
63	O	22	ALA	2.1
68	T	146	ALA	2.1
82	sR	95	ALA	2.1
15	CO	133	LYS	2.1
42	AN	78	ILE	2.1
50	B	113	ARG	2.1
50	s0	127	ARG	2.1
58	s8	199	LYS	2.1
59	K	138	LYS	2.1
66	R	143	ARG	2.1
82	h	137	LYS	2.1
5	CE	77	THR	2.1
14	t	130	GLY	2.1
15	CO	10	SER	2.1
17	CQ	180	SER	2.1
19	y	146	SER	2.1
20	z	78	TYR	2.1
27	CZ	31	THR	2.1
36	AH	78	GLY	2.1
49	p0	186	THR	2.1
64	P	87	GLY	2.1
65	Q	30	THR	2.1
81	g	86	THR	2.1
38	AJ	79	SER	2.1
60	c0	48	SER	2.1
66	R	32	ASN	2.1
1	AR	247	C	2.1
1	AR	1562	C	2.1
1	AR	1578	C	2.1

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Mol	Chain	Res	Type	RSRZ
1	1	2501	U	2.1
1	1	2537	U	2.1
7	CG	3	PHE	2.1
25	A	697	C	2.1
25	A	1373	C	2.1
25	6	640	U	2.1
28	9	7	ASP	2.1
65	c5	138	PHE	2.1
26	7	96	LEU	2.1
53	E	202	LEU	2.1
57	s7	93	LEU	2.1
67	S	24	LEU	2.1
49	p0	28	VAL	2.1
55	s5	28	PRO	2.1
65	Q	53	PRO	2.1
68	T	82	PRO	2.1
22	CV	101	CYS	2.1
33	DF	82	GLU	2.1
70	V	46	GLU	2.1
70	d0	13	GLU	2.1
21	0	23	LYS	2.0
49	p0	64	ARG	2.0
49	p0	275	ALA	2.0
53	E	141	LYS	2.0
54	F	162	ILE	2.0
55	G	210	ALA	2.0
57	I	7	LYS	2.0
61	c1	70	ILE	2.0
66	R	36	ILE	2.0
70	V	21	LYS	2.0
73	Y	114	LYS	2.0
82	sR	117	LYS	2.0
82	sR	123	ILE	2.0
1	1	621	A	2.0
1	1	1278	A	2.0
1	1	2093	A	2.0
25	6	145	A	2.0
25	6	1219	A	2.0
25	6	1221	A	2.0
25	A	72	A	2.0
1	1	3290	G	2.0
25	6	913	G	2.0

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Mol	Chain	Res	Type	RSRZ
25	6	1255	G	2.0
25	A	729	G	2.0
25	A	730	G	2.0
25	A	1695	G	2.0
55	G	105	GLY	2.0
6	l	310	THR	2.0
7	CG	275	THR	2.0
55	G	209	TYR	2.0
59	K	95	TYR	2.0
63	c3	18	TYR	2.0
64	P	86	THR	2.0
64	P	93	THR	2.0
71	W	53	TYR	2.0
57	s7	161	GLN	2.0
70	d0	18	GLN	2.0
44	DQ	106	PHE	2.0
57	I	92	PHE	2.0
10	CJ	252	ASN	2.0
73	Y	89	ASN	2.0
20	CT	182	ASP	2.0
40	AL	69	LEU	2.0
56	H	126	ASP	2.0
68	T	73	MET	2.0
1	1	3355	U	2.0
15	CO	131	VAL	2.0
25	6	558	U	2.0
25	6	683	C	2.0
25	6	741	C	2.0
25	A	136	C	2.0
25	A	917	U	2.0
25	A	1687	U	2.0
57	I	102	PRO	2.0
57	s7	4	PRO	2.0
62	c2	37	VAL	2.0
29	DB	36	HIS	2.0
36	DI	69	HIS	2.0
9	CI	59	GLU	2.0
27	8	22	LYS	2.0
32	DE	22	LYS	2.0
56	H	166	GLU	2.0
4	j	158	ILE	2.0
6	CF	280	ILE	2.0

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Mol	Chain	Res	Type	RSRZ
33	DF	85	ALA	2.0
48	sM	35	ALA	2.0
50	s0	170	ILE	2.0
58	s8	183	ILE	2.0
67	S	61	ILE	2.0
68	T	83	ALA	2.0
76	b	36	ILE	2.0
82	h	253	ALA	2.0
50	B	204	TYR	2.0
59	K	7	THR	2.0
83	e1	125	THR	2.0
1	1	3168	A	2.0
1	AR	1571	A	2.0
1	AR	2540	A	2.0
1	AR	3163	A	2.0
20	z	59	SER	2.0
32	DE	9	SER	2.0
44	DQ	34	SER	2.0
57	I	41	LEU	2.0
59	s9	46	SER	2.0
67	S	125	SER	2.0
69	U	28	LEU	2.0
75	a	93	SER	2.0
17	w	42	ASN	2.0
3	AT	85	G	2.0
22	2	124	VAL	2.0
25	6	486	G	2.0
25	A	823	G	2.0
25	A	987	G	2.0
44	AP	2	VAL	2.0
51	s1	104	ASP	2.0
52	s2	102	VAL	2.0
64	c4	121	VAL	2.0
69	U	34	VAL	2.0
69	U	35	ASP	2.0
53	E	43	PRO	2.0
70	d0	110	PRO	2.0
13	CM	174	LYS	2.0
60	c0	95	ARG	2.0
74	Z	128	LYS	2.0
81	g	90	LYS	2.0
12	CL	186	GLU	2.0

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Mol	Chain	Res	Type	RSRZ
25	6	1362	U	2.0
46	i	138	ALA	2.0
46	i	189	GLU	2.0
46	i	251	ALA	2.0
73	Y	113	ALA	2.0
77	d7	57	GLU	2.0
79	d9	4	GLU	2.0
81	g	91	ILE	2.0
1	1	1562	C	2.0
1	1	2101	C	2.0
1	1	3285	C	2.0
25	6	25	C	2.0
25	A	131	C	2.0
70	V	73	GLY	2.0

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

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

5.3 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

5.4 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(Å ²)	Q<0.9
85	MG	A	2094	1/1	-0.18	0.40	110,110,110,110	0
85	MG	1	4140	1/1	-0.07	0.37	187,187,187,187	0
85	MG	A	2110	1/1	0.01	0.45	116,116,116,116	0
85	MG	6	2076	1/1	0.07	0.41	105,105,105,105	0
85	MG	1	4152	1/1	0.11	0.49	111,111,111,111	0
85	MG	AR	3814	1/1	0.18	0.42	105,105,105,105	0
85	MG	t	202	1/1	0.27	0.35	101,101,101,101	0
85	MG	A	2146	1/1	0.29	0.32	120,120,120,120	0
85	MG	6	2168	1/1	0.34	0.30	132,132,132,132	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3965	1/1	0.43	0.43	94,94,94,94	0
85	MG	1	4030	1/1	0.44	0.43	72,72,72,72	0
85	MG	6	2061	1/1	0.46	0.41	100,100,100,100	0
85	MG	A	2089	1/1	0.47	0.34	90,90,90,90	0
85	MG	6	2153	1/1	0.49	0.39	97,97,97,97	0
85	MG	AR	4030	1/1	0.53	0.20	59,59,59,59	0
85	MG	A	2104	1/1	0.53	0.19	137,137,137,137	0
85	MG	A	2139	1/1	0.57	0.26	64,64,64,64	0
85	MG	A	2124	1/1	0.57	0.40	68,68,68,68	0
85	MG	A	2095	1/1	0.58	0.27	96,96,96,96	0
85	MG	AR	4119	1/1	0.58	0.31	91,91,91,91	0
85	MG	A	2092	1/1	0.59	0.38	91,91,91,91	0
85	MG	AR	4050	1/1	0.59	0.35	91,91,91,91	0
85	MG	A	2132	1/1	0.60	0.43	98,98,98,98	0
85	MG	AR	4156	1/1	0.61	0.39	72,72,72,72	0
85	MG	CR	203	1/1	0.61	0.27	95,95,95,95	0
85	MG	6	2118	1/1	0.62	0.35	93,93,93,93	0
85	MG	A	2057	1/1	0.62	0.38	70,70,70,70	0
85	MG	AR	3817	1/1	0.62	0.30	112,112,112,112	0
85	MG	6	2158	1/1	0.63	0.30	74,74,74,74	0
85	MG	A	2118	1/1	0.63	0.44	80,80,80,80	0
85	MG	AR	4137	1/1	0.63	0.35	79,79,79,79	0
85	MG	A	2100	1/1	0.64	0.53	92,92,92,92	0
85	MG	6	2115	1/1	0.64	0.29	85,85,85,85	0
84	OHX	AR	3686	7/7	0.65	0.24	156,156,156,157	0
85	MG	6	2086	1/1	0.65	0.32	82,82,82,82	0
85	MG	AR	4117	1/1	0.65	0.25	64,64,64,64	0
85	MG	6	2072	1/1	0.65	0.24	40,40,40,40	0
85	MG	A	2070	1/1	0.65	0.46	79,79,79,79	0
85	MG	A	2081	1/1	0.65	0.30	66,66,66,66	0
85	MG	AR	4153	1/1	0.66	0.33	88,88,88,88	0
85	MG	6	2185	1/1	0.66	0.41	89,89,89,89	0
85	MG	AR	4171	1/1	0.66	0.31	88,88,88,88	0
85	MG	A	2103	1/1	0.66	0.37	73,73,73,73	0
85	MG	6	2194	1/1	0.66	0.32	108,108,108,108	0
85	MG	AR	4068	1/1	0.66	0.23	99,99,99,99	0
85	MG	1	3790	1/1	0.66	0.24	43,43,43,43	0
85	MG	A	2072	1/1	0.66	0.36	66,66,66,66	0
85	MG	1	4171	1/1	0.66	0.41	85,85,85,85	0
85	MG	AR	3977	1/1	0.66	0.31	41,41,41,41	0
85	MG	AR	4151	1/1	0.66	0.14	148,148,148,148	0
84	OHX	AR	3664	7/7	0.67	0.23	180,180,181,181	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
85	MG	A	2062	1/1	0.67	0.36	65,65,65,65	0
84	OHX	AR	3733	7/7	0.67	0.20	187,188,188,188	0
85	MG	H	301	1/1	0.67	0.26	83,83,83,83	0
85	MG	A	2122	1/1	0.68	0.33	86,86,86,86	0
85	MG	6	2092	1/1	0.68	0.46	93,93,93,93	0
85	MG	1	3772	1/1	0.68	0.15	35,35,35,35	0
85	MG	6	2059	1/1	0.68	0.35	70,70,70,70	0
85	MG	6	2090	1/1	0.68	0.22	49,49,49,49	0
85	MG	A	2121	1/1	0.68	0.19	62,62,62,62	0
85	MG	6	2160	1/1	0.69	0.31	85,85,85,85	0
85	MG	A	2114	1/1	0.69	0.33	76,76,76,76	0
85	MG	AR	4160	1/1	0.69	0.19	78,78,78,78	0
85	MG	1	3750	1/1	0.69	0.17	55,55,55,55	0
84	OHX	AR	3737	7/7	0.69	0.25	158,158,158,159	0
85	MG	A	2087	1/1	0.70	0.21	78,78,78,78	0
85	MG	1	4161	1/1	0.70	0.18	69,69,69,69	0
84	OHX	6	2040	7/7	0.70	0.20	184,184,185,185	0
85	MG	6	2174	1/1	0.70	0.19	58,58,58,58	0
85	MG	6	2069	1/1	0.70	0.28	65,65,65,65	0
85	MG	1	3952	1/1	0.70	0.33	77,77,77,77	0
85	MG	1	3948	1/1	0.71	0.21	73,73,73,73	0
85	MG	6	2134	1/1	0.71	0.31	80,80,80,80	0
85	MG	A	2115	1/1	0.71	0.30	83,83,83,83	0
85	MG	6	2175	1/1	0.71	0.20	118,118,118,118	0
85	MG	6	2054	1/1	0.71	0.30	49,49,49,49	0
85	MG	6	2191	1/1	0.71	0.27	87,87,87,87	0
85	MG	6	2056	1/1	0.71	0.27	77,77,77,77	0
85	MG	AR	4125	1/1	0.71	0.37	82,82,82,82	0
85	MG	3	212	1/1	0.71	0.34	62,62,62,62	0
85	MG	6	2162	1/1	0.71	0.17	60,60,60,60	0
85	MG	A	2107	1/1	0.71	0.26	80,80,80,80	0
87	GOL	6	2199	6/6	0.71	0.24	49,49,49,49	0
85	MG	1	4219	1/1	0.72	0.27	98,98,98,98	0
85	MG	1	3853	1/1	0.72	0.34	48,48,48,48	0
85	MG	A	2046	1/1	0.72	0.31	67,67,67,67	0
85	MG	A	2127	1/1	0.72	0.28	83,83,83,83	0
85	MG	A	2050	1/1	0.72	0.33	67,67,67,67	0
85	MG	3	220	1/1	0.72	0.23	68,68,68,68	0
85	MG	1	3958	1/1	0.72	0.13	44,44,44,44	0
85	MG	6	2133	1/1	0.72	0.21	61,61,61,61	0
85	MG	A	2096	1/1	0.72	0.34	62,62,62,62	0
85	MG	1	4056	1/1	0.73	0.24	51,51,51,51	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	4072	1/1	0.73	0.23	70,70,70,70	0
85	MG	6	2119	1/1	0.73	0.32	74,74,74,74	0
85	MG	6	2159	1/1	0.73	0.14	82,82,82,82	0
85	MG	6	2183	1/1	0.73	0.38	71,71,71,71	0
85	MG	1	4087	1/1	0.73	0.23	59,59,59,59	0
85	MG	d5	201	1/1	0.73	0.17	71,71,71,71	0
85	MG	1	3803	1/1	0.73	0.16	41,41,41,41	0
85	MG	1	3908	1/1	0.74	0.30	62,62,62,62	0
85	MG	A	2082	1/1	0.74	0.22	61,61,61,61	0
85	MG	6	2192	1/1	0.74	0.34	74,74,74,74	0
85	MG	AR	4074	1/1	0.74	0.20	77,77,77,77	0
85	MG	AR	4184	1/1	0.74	0.22	69,69,69,69	0
85	MG	AR	4240	1/1	0.74	0.26	70,70,70,70	0
84	OHX	1	3709	7/7	0.74	0.25	157,158,158,158	0
85	MG	A	2130	1/1	0.74	0.20	74,74,74,74	0
85	MG	1	4174	1/1	0.74	0.39	55,55,55,55	0
84	OHX	1	3714	7/7	0.74	0.22	146,147,147,148	0
85	MG	AR	4126	1/1	0.74	0.37	83,83,83,83	0
84	OHX	CF	401	7/7	0.74	0.23	146,146,147,147	0
85	MG	6	2104	1/1	0.74	0.28	70,70,70,70	0
84	OHX	1	3717	7/7	0.74	0.22	144,144,144,145	0
85	MG	AR	4116	1/1	0.75	0.19	99,99,99,99	0
85	MG	AR	3776	1/1	0.75	0.42	76,76,76,76	0
85	MG	A	2084	1/1	0.75	0.28	72,72,72,72	0
85	MG	1	3819	1/1	0.75	0.37	27,27,27,27	0
85	MG	AT	226	1/1	0.75	0.15	63,63,63,63	0
85	MG	1	4150	1/1	0.75	0.13	49,49,49,49	0
85	MG	DE	201	1/1	0.75	0.15	72,72,72,72	0
84	OHX	AR	3728	7/7	0.75	0.25	151,152,152,152	0
85	MG	6	2154	1/1	0.75	0.18	54,54,54,54	0
85	MG	6	2112	1/1	0.75	0.39	46,46,46,46	0
84	OHX	1	401	7/7	0.75	0.22	143,143,144,144	0
85	MG	A	2150	1/1	0.75	0.34	86,86,86,86	0
84	OHX	1	3668	7/7	0.75	0.34	124,124,124,124	0
84	OHX	AR	3705	7/7	0.75	0.29	141,142,142,142	0
85	MG	A	2080	1/1	0.75	0.34	65,65,65,65	0
84	OHX	AR	3717	7/7	0.76	0.26	144,144,144,144	0
85	MG	6	2140	1/1	0.76	0.26	69,69,69,69	0
84	OHX	1	3708	7/7	0.76	0.26	134,134,134,134	0
85	MG	1	4012	1/1	0.76	0.21	50,50,50,50	0
84	OHX	1	3687	7/7	0.76	0.23	149,149,150,150	0
85	MG	A	2091	1/1	0.76	0.36	71,71,71,71	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	2195	1/1	0.76	0.31	35,35,35,35	0
85	MG	DI	202	1/1	0.76	0.31	56,56,56,56	0
84	OHX	1	3695	7/7	0.76	0.22	154,154,155,155	0
85	MG	6	2113	1/1	0.76	0.34	77,77,77,77	0
85	MG	1	4079	1/1	0.76	0.24	97,97,97,97	0
84	OHX	AR	3739	7/7	0.76	0.24	148,149,149,150	0
85	MG	A	2151	1/1	0.76	0.45	52,52,52,52	0
85	MG	A	2155	1/1	0.76	0.42	75,75,75,75	0
85	MG	AR	3991	1/1	0.76	0.21	98,98,98,98	0
85	MG	6	2074	1/1	0.76	0.34	62,62,62,62	0
85	MG	1	3955	1/1	0.76	0.41	51,51,51,51	0
84	OHX	6	2039	7/7	0.77	0.28	132,133,133,134	0
84	OHX	1	3718	7/7	0.77	0.23	149,149,149,149	0
84	OHX	AR	3740	7/7	0.77	0.24	161,161,161,162	0
85	MG	AR	4021	1/1	0.77	0.27	82,82,82,82	0
85	MG	6	2120	1/1	0.77	0.32	69,69,69,69	0
85	MG	A	2085	1/1	0.77	0.22	63,63,63,63	0
84	OHX	AR	3734	7/7	0.77	0.24	148,148,148,149	0
84	OHX	CF	402	7/7	0.77	0.25	145,146,146,146	0
85	MG	6	2186	1/1	0.77	0.21	107,107,107,107	0
84	OHX	A	2037	7/7	0.77	0.23	153,154,154,155	0
85	MG	4	234	1/1	0.77	0.25	44,44,44,44	0
84	OHX	A	2038	7/7	0.77	0.23	146,147,147,147	0
84	OHX	A	2040	7/7	0.77	0.22	162,162,162,162	0
85	MG	AR	4122	1/1	0.77	0.16	68,68,68,68	0
84	OHX	c4	201	7/7	0.77	0.25	152,152,153,153	0
85	MG	AR	3780	1/1	0.77	0.19	88,88,88,88	0
85	MG	c6	201	1/1	0.77	0.25	89,89,89,89	0
85	MG	A	2105	1/1	0.77	0.25	94,94,94,94	0
85	MG	1	3744	1/1	0.77	0.47	83,83,83,83	0
88	ZN	d7	101	1/1	0.77	0.20	143,143,143,143	0
85	MG	AR	3903	1/1	0.78	0.31	39,39,39,39	0
85	MG	6	2110	1/1	0.78	0.42	54,54,54,54	0
84	OHX	AR	3726	7/7	0.78	0.35	118,118,118,118	0
85	MG	A	2078	1/1	0.78	0.40	54,54,54,54	0
85	MG	3	218	1/1	0.78	0.33	54,54,54,54	0
85	MG	1	3729	1/1	0.78	0.29	90,90,90,90	0
85	MG	AR	4163	1/1	0.78	0.15	62,62,62,62	0
84	OHX	z	201	7/7	0.78	0.19	155,156,157,157	0
85	MG	1	4070	1/1	0.78	0.16	68,68,68,68	0
85	MG	x	206	1/1	0.78	0.16	35,35,35,35	0
85	MG	A	2131	1/1	0.78	0.21	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
84	OHX	6	2046	7/7	0.78	0.25	151,152,152,152	0
85	MG	AR	3812	1/1	0.78	0.14	32,32,32,32	0
84	OHX	1	3691	7/7	0.78	0.15	201,201,201,201	0
85	MG	A	2093	1/1	0.78	0.20	100,100,100,100	0
85	MG	DI	201	1/1	0.78	0.17	68,68,68,68	0
85	MG	1	4104	1/1	0.78	0.13	53,53,53,53	0
85	MG	AR	3824	1/1	0.78	0.23	77,77,77,77	0
85	MG	AR	3828	1/1	0.78	0.36	60,60,60,60	0
85	MG	A	2055	1/1	0.78	0.33	71,71,71,71	0
85	MG	A	2056	1/1	0.78	0.30	65,65,65,65	0
85	MG	AR	3829	1/1	0.78	0.20	66,66,66,66	0
84	OHX	AR	3722	7/7	0.79	0.26	140,141,141,141	0
84	OHX	1	3696	7/7	0.79	0.26	146,146,147,147	0
85	MG	AR	3792	1/1	0.79	0.31	43,43,43,43	0
85	MG	1	3743	1/1	0.79	0.32	79,79,79,79	0
85	MG	A	2059	1/1	0.79	0.37	53,53,53,53	0
85	MG	6	2075	1/1	0.79	0.31	76,76,76,76	0
85	MG	A	2064	1/1	0.79	0.36	65,65,65,65	0
85	MG	A	2065	1/1	0.79	0.35	57,57,57,57	0
85	MG	A	2068	1/1	0.79	0.44	84,84,84,84	0
85	MG	A	2120	1/1	0.79	0.31	85,85,85,85	0
85	MG	A	2069	1/1	0.79	0.30	58,58,58,58	0
84	OHX	AM	101	7/7	0.79	0.33	121,121,121,121	0
85	MG	6	2085	1/1	0.79	0.40	75,75,75,75	0
84	OHX	AR	3732	7/7	0.79	0.25	146,146,147,147	0
85	MG	1	3989	1/1	0.79	0.27	55,55,55,55	0
85	MG	AR	3841	1/1	0.79	0.35	54,54,54,54	0
85	MG	1	4006	1/1	0.79	0.20	47,47,47,47	0
84	OHX	CM	201	7/7	0.79	0.20	150,150,151,151	0
84	OHX	A	2002	7/7	0.79	0.25	147,148,149,149	0
85	MG	AR	4219	1/1	0.79	0.16	67,67,67,67	0
84	OHX	1	3716	7/7	0.79	0.23	138,138,139,139	0
84	OHX	AR	3719	7/7	0.79	0.25	133,133,133,133	0
85	MG	1	3848	1/1	0.79	0.33	60,60,60,60	0
84	OHX	AR	3720	7/7	0.79	0.24	152,152,152,152	0
85	MG	1	4088	1/1	0.79	0.19	44,44,44,44	0
85	MG	1	3879	1/1	0.79	0.32	45,45,45,45	0
87	GOL	AR	4261	6/6	0.79	0.21	48,48,48,48	0
88	ZN	c	101	1/1	0.79	0.16	145,145,145,145	0
84	OHX	A	2042	7/7	0.79	0.17	172,173,173,174	0
84	OHX	AR	3741	7/7	0.80	0.15	207,208,208,208	0
85	MG	6	2102	1/1	0.80	0.36	45,45,45,45	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3778	1/1	0.80	0.31	49,49,49,49	0
84	OHX	6	2038	7/7	0.80	0.24	148,148,148,148	0
85	MG	A	2066	1/1	0.80	0.42	79,79,79,79	0
84	OHX	AR	3694	7/7	0.80	0.23	146,147,147,147	0
85	MG	A	2117	1/1	0.80	0.22	71,71,71,71	0
85	MG	1	4131	1/1	0.80	0.15	48,48,48,48	0
85	MG	AR	3962	1/1	0.80	0.26	93,93,93,93	0
85	MG	AR	3976	1/1	0.80	0.38	81,81,81,81	0
85	MG	A	2075	1/1	0.80	0.37	74,74,74,74	0
85	MG	1	3818	1/1	0.80	0.28	39,39,39,39	0
84	OHX	AR	3652	7/7	0.80	0.33	112,112,113,113	0
85	MG	AR	4217	1/1	0.80	0.22	80,80,80,80	0
85	MG	6	2188	1/1	0.80	0.24	66,66,66,66	0
85	MG	AR	4024	1/1	0.80	0.20	53,53,53,53	0
85	MG	A	2134	1/1	0.80	0.22	70,70,70,70	0
85	MG	1	4003	1/1	0.80	0.24	79,79,79,79	0
85	MG	1	3823	1/1	0.80	0.24	41,41,41,41	0
85	MG	A	2148	1/1	0.80	0.30	64,64,64,64	0
85	MG	A	2088	1/1	0.80	0.26	59,59,59,59	0
84	OHX	AR	3716	7/7	0.80	0.23	143,143,143,143	0
84	OHX	6	2024	7/7	0.80	0.21	151,152,152,153	0
85	MG	1	4217	1/1	0.80	0.38	58,58,58,58	0
85	MG	V	201	1/1	0.80	0.30	70,70,70,70	0
85	MG	A	2044	1/1	0.80	0.28	50,50,50,50	0
85	MG	AR	4098	1/1	0.80	0.16	46,46,46,46	0
85	MG	1	4045	1/1	0.80	0.12	39,39,39,39	0
85	MG	3	210	1/1	0.80	0.35	59,59,59,59	0
87	GOL	A	2160	6/6	0.80	0.20	60,60,60,60	0
84	OHX	AR	3729	7/7	0.80	0.29	120,120,120,121	0
85	MG	1	3752	1/1	0.80	0.30	57,57,57,57	0
85	MG	AR	4011	1/1	0.81	0.20	58,58,58,58	0
85	MG	AR	4015	1/1	0.81	0.17	45,45,45,45	0
84	OHX	A	2023	7/7	0.81	0.22	144,145,145,145	0
84	OHX	x	202	7/7	0.81	0.23	144,144,145,145	0
84	OHX	1	3676	7/7	0.81	0.20	149,150,150,150	0
85	MG	AR	4218	1/1	0.81	0.15	54,54,54,54	0
85	MG	1	4111	1/1	0.81	0.27	44,44,44,44	0
85	MG	1	3980	1/1	0.81	0.39	73,73,73,73	0
85	MG	AS	217	1/1	0.81	0.19	44,44,44,44	0
85	MG	A	2128	1/1	0.81	0.29	78,78,78,78	0
85	MG	6	2098	1/1	0.81	0.40	68,68,68,68	0
85	MG	CE	404	1/1	0.81	0.13	27,27,27,27	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	CL	302	1/1	0.81	0.29	68,68,68,68	0
84	OHX	6	2021	7/7	0.81	0.18	181,181,182,182	0
85	MG	A	2135	1/1	0.81	0.41	55,55,55,55	0
85	MG	AR	4080	1/1	0.81	0.21	32,32,32,32	0
85	MG	AR	4091	1/1	0.81	0.31	35,35,35,35	0
84	OHX	1	3686	7/7	0.81	0.19	156,156,157,157	0
85	MG	6	2105	1/1	0.81	0.43	64,64,64,64	0
84	OHX	6	2032	7/7	0.81	0.30	131,131,132,132	0
84	OHX	1	3700	7/7	0.81	0.23	148,148,149,149	0
85	MG	A	2159	1/1	0.81	0.42	64,64,64,64	0
85	MG	A	2053	1/1	0.81	0.31	57,57,57,57	0
84	OHX	1	3642	7/7	0.81	0.25	135,135,136,136	0
85	MG	Y	201	1/1	0.81	0.14	61,61,61,61	0
84	OHX	CG	302	7/7	0.81	0.22	147,147,147,148	0
84	OHX	AR	3711	7/7	0.81	0.20	144,144,145,145	0
84	OHX	1	3632	7/7	0.81	0.18	156,156,156,156	0
85	MG	6	2187	1/1	0.81	0.21	82,82,82,82	0
84	OHX	A	2015	7/7	0.81	0.19	169,170,171,172	0
85	MG	6	2130	1/1	0.81	0.20	66,66,66,66	0
85	MG	A	2111	1/1	0.81	0.34	90,90,90,90	0
84	OHX	1	3672	7/7	0.82	0.20	147,147,147,148	0
85	MG	AR	4194	1/1	0.82	0.13	53,53,53,53	0
84	OHX	AR	3745	7/7	0.82	0.28	128,128,128,128	0
85	MG	1	3985	1/1	0.82	0.20	50,50,50,50	0
85	MG	AR	3833	1/1	0.82	0.17	49,49,49,49	0
85	MG	4	233	1/1	0.82	0.12	48,48,48,48	0
85	MG	AR	4250	1/1	0.82	0.44	59,59,59,59	0
84	OHX	AR	3718	7/7	0.82	0.17	166,167,167,167	0
85	MG	AS	219	1/1	0.82	0.13	58,58,58,58	0
85	MG	AR	3948	1/1	0.82	0.24	40,40,40,40	0
85	MG	1	3751	1/1	0.82	0.18	40,40,40,40	0
85	MG	CE	407	1/1	0.82	0.40	41,41,41,41	0
85	MG	6	2145	1/1	0.82	0.10	59,59,59,59	0
84	OHX	6	2045	7/7	0.82	0.24	141,141,142,142	0
84	OHX	1	3656	7/7	0.82	0.22	143,143,143,144	0
84	OHX	6	2048	7/7	0.82	0.17	173,174,174,174	0
85	MG	AR	4013	1/1	0.82	0.23	65,65,65,65	0
85	MG	1	4042	1/1	0.82	0.23	48,48,48,48	0
84	OHX	6	2002	7/7	0.82	0.24	132,133,133,134	0
85	MG	A	2047	1/1	0.82	0.35	55,55,55,55	0
85	MG	1	4053	1/1	0.82	0.17	74,74,74,74	0
85	MG	A	2052	1/1	0.82	0.32	53,53,53,53	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	4026	1/1	0.82	0.28	60,60,60,60	0
84	OHX	AR	3641	7/7	0.82	0.24	133,133,133,133	0
85	MG	AR	4044	1/1	0.82	0.24	60,60,60,60	0
84	OHX	6	2006	7/7	0.82	0.23	151,151,152,152	0
84	OHX	A	2026	7/7	0.82	0.29	123,123,124,124	0
84	OHX	A	2034	7/7	0.82	0.13	231,232,232,232	0
85	MG	A	2138	1/1	0.82	0.26	66,66,66,66	0
85	MG	1	3846	1/1	0.82	0.31	39,39,39,39	0
84	OHX	1	3702	7/7	0.82	0.12	219,219,219,219	0
84	OHX	1	3694	7/7	0.82	0.30	116,116,117,117	0
85	MG	1	3874	1/1	0.82	0.32	49,49,49,49	0
84	OHX	1	3719	7/7	0.82	0.27	120,120,121,121	0
84	OHX	6	2033	7/7	0.82	0.21	150,151,151,152	0
84	OHX	c3	201	7/7	0.82	0.19	155,156,156,157	0
85	MG	1	3951	1/1	0.82	0.30	69,69,69,69	0
85	MG	AR	3766	1/1	0.82	0.20	96,96,96,96	0
84	OHX	4	214	7/7	0.82	0.21	140,140,140,140	0
85	MG	c1	202	1/1	0.82	0.28	67,67,67,67	0
85	MG	AR	3779	1/1	0.82	0.24	73,73,73,73	0
85	MG	1	3953	1/1	0.82	0.14	46,46,46,46	0
84	OHX	1	3627	7/7	0.82	0.19	141,142,142,143	0
85	MG	AR	3796	1/1	0.82	0.35	64,64,64,64	0
85	MG	1	3737	1/1	0.82	0.41	57,57,57,57	0
85	MG	6	2117	1/1	0.82	0.20	65,65,65,65	0
85	MG	1	3964	1/1	0.82	0.24	68,68,68,68	0
85	MG	A	2102	1/1	0.83	0.35	58,58,58,58	0
85	MG	AR	4046	1/1	0.83	0.12	46,46,46,46	0
84	OHX	AR	3695	7/7	0.83	0.26	122,122,123,123	0
85	MG	1	3820	1/1	0.83	0.36	65,65,65,65	0
84	OHX	6	1989	7/7	0.83	0.23	143,144,144,145	0
85	MG	6	2123	1/1	0.83	0.20	69,69,69,69	0
85	MG	6	2125	1/1	0.83	0.29	75,75,75,75	0
84	OHX	6	2042	7/7	0.83	0.23	151,151,151,151	0
85	MG	A	2049	1/1	0.83	0.40	54,54,54,54	0
84	OHX	A	2041	7/7	0.83	0.28	139,139,140,140	0
84	OHX	1	3698	7/7	0.83	0.18	162,163,163,163	0
84	OHX	K	201	7/7	0.83	0.27	137,137,138,138	0
84	OHX	s8	301	7/7	0.83	0.18	167,167,168,168	0
85	MG	1	3897	1/1	0.83	0.20	46,46,46,46	0
84	OHX	1	3659	7/7	0.83	0.23	140,140,140,141	0
85	MG	AR	3830	1/1	0.83	0.27	42,42,42,42	0
85	MG	1	3927	1/1	0.83	0.09	42,42,42,42	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	3840	1/1	0.83	0.17	47,47,47,47	0
84	OHX	6	2010	7/7	0.83	0.21	154,155,155,155	0
84	OHX	1	3721	7/7	0.83	0.27	127,127,127,128	0
84	OHX	1	3712	7/7	0.83	0.24	133,133,133,133	0
84	OHX	AR	3651	7/7	0.83	0.21	150,151,151,151	0
85	MG	AR	3966	1/1	0.83	0.32	38,38,38,38	0
85	MG	AR	3968	1/1	0.83	0.19	30,30,30,30	0
85	MG	A	2140	1/1	0.83	0.44	82,82,82,82	0
85	MG	A	2144	1/1	0.83	0.33	69,69,69,69	0
85	MG	AR	4185	1/1	0.83	0.15	38,38,38,38	0
84	OHX	AR	3725	7/7	0.83	0.18	165,165,165,165	0
84	OHX	A	1993	7/7	0.83	0.21	151,151,152,152	0
85	MG	AR	3984	1/1	0.83	0.30	50,50,50,50	0
85	MG	A	2153	1/1	0.83	0.42	51,51,51,51	0
84	OHX	4	216	7/7	0.83	0.24	126,126,126,126	0
85	MG	AR	4220	1/1	0.83	0.15	44,44,44,44	0
84	OHX	AR	3663	7/7	0.83	0.21	147,148,148,148	0
85	MG	1	4211	1/1	0.83	0.23	42,42,42,42	0
85	MG	AR	4255	1/1	0.83	0.51	57,57,57,57	0
85	MG	1	3971	1/1	0.83	0.17	35,35,35,35	0
84	OHX	1	3701	7/7	0.83	0.23	139,139,140,140	0
85	MG	AS	221	1/1	0.83	0.16	60,60,60,60	0
84	OHX	A	2025	7/7	0.83	0.16	173,173,173,173	0
84	OHX	1	3655	7/7	0.83	0.22	138,138,138,139	0
84	OHX	A	2029	7/7	0.83	0.17	184,184,184,184	0
85	MG	CG	304	1/1	0.83	0.14	56,56,56,56	0
84	OHX	1	3705	7/7	0.83	0.24	131,131,132,132	0
85	MG	1	3924	1/1	0.84	0.36	60,60,60,60	0
85	MG	AR	4148	1/1	0.84	0.18	43,43,43,43	0
85	MG	1	4149	1/1	0.84	0.16	54,54,54,54	0
84	OHX	AR	3706	7/7	0.84	0.19	155,155,155,156	0
84	OHX	AR	3710	7/7	0.84	0.22	137,137,137,138	0
85	MG	AR	3788	1/1	0.84	0.26	28,28,28,28	0
85	MG	1	4158	1/1	0.84	0.08	47,47,47,47	0
84	OHX	x	201	7/7	0.84	0.35	110,110,110,110	0
84	OHX	AS	211	7/7	0.84	0.22	141,141,142,142	0
84	OHX	AT	213	7/7	0.84	0.24	137,137,137,137	0
84	OHX	1	3665	7/7	0.84	0.24	129,129,129,129	0
84	OHX	1	3673	7/7	0.84	0.23	133,133,133,133	0
84	OHX	AR	3654	7/7	0.84	0.23	137,137,138,138	0
84	OHX	AR	3658	7/7	0.84	0.28	122,123,123,123	0
85	MG	3	211	1/1	0.84	0.15	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	2124	1/1	0.84	0.19	66,66,66,66	0
84	OHX	A	1985	7/7	0.84	0.21	140,140,141,141	0
85	MG	A	2106	1/1	0.84	0.31	58,58,58,58	0
84	OHX	AR	3659	7/7	0.84	0.23	136,136,137,137	0
85	MG	AR	3853	1/1	0.84	0.28	43,43,43,43	0
84	OHX	AR	3721	7/7	0.84	0.20	139,139,140,140	0
85	MG	A	2112	1/1	0.84	0.32	86,86,86,86	0
85	MG	AS	220	1/1	0.84	0.20	68,68,68,68	0
84	OHX	6	2023	7/7	0.84	0.19	161,161,162,162	0
85	MG	AS	228	1/1	0.84	0.24	84,84,84,84	0
85	MG	AR	3957	1/1	0.84	0.21	55,55,55,55	0
85	MG	AT	229	1/1	0.84	0.26	55,55,55,55	0
85	MG	6	2138	1/1	0.84	0.27	73,73,73,73	0
85	MG	1	4000	1/1	0.84	0.14	43,43,43,43	0
85	MG	6	2144	1/1	0.84	0.30	74,74,74,74	0
85	MG	4	237	1/1	0.84	0.13	38,38,38,38	0
85	MG	6	2146	1/1	0.84	0.31	80,80,80,80	0
85	MG	t	201	1/1	0.84	0.08	51,51,51,51	0
85	MG	1	3797	1/1	0.84	0.27	79,79,79,79	0
85	MG	6	2155	1/1	0.84	0.42	58,58,58,58	0
84	OHX	1	3690	7/7	0.84	0.24	122,123,123,123	0
85	MG	AR	4014	1/1	0.84	0.21	57,57,57,57	0
85	MG	1	3808	1/1	0.84	0.36	43,43,43,43	0
84	OHX	AR	3667	7/7	0.84	0.17	146,147,147,147	0
84	OHX	AR	3727	7/7	0.84	0.15	187,188,188,188	0
85	MG	A	2143	1/1	0.84	0.21	106,106,106,106	0
84	OHX	AR	3668	7/7	0.84	0.23	131,132,132,132	0
84	OHX	AR	3675	7/7	0.84	0.22	138,139,139,139	0
85	MG	AR	4037	1/1	0.84	0.29	70,70,70,70	0
85	MG	1	3828	1/1	0.84	0.33	30,30,30,30	0
84	OHX	6	2027	7/7	0.84	0.22	146,147,147,148	0
84	OHX	6	1997	7/7	0.84	0.25	132,132,133,133	0
84	OHX	6	2050	7/7	0.84	0.18	159,159,160,160	0
85	MG	A	2157	1/1	0.84	0.45	75,75,75,75	0
85	MG	6	2080	1/1	0.84	0.29	69,69,69,69	0
84	OHX	AR	3735	7/7	0.84	0.26	129,129,129,129	0
85	MG	6	2189	1/1	0.84	0.19	63,63,63,63	0
84	OHX	AR	3702	7/7	0.84	0.22	139,139,140,140	0
85	MG	b	101	1/1	0.84	0.25	65,65,65,65	0
85	MG	6	2088	1/1	0.84	0.21	82,82,82,82	0
84	OHX	1	3653	7/7	0.84	0.22	133,133,133,133	0
84	OHX	O	201	7/7	0.84	0.17	158,159,159,160	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	A	2073	1/1	0.84	0.40	50,50,50,50	0
85	MG	AF	202	1/1	0.84	0.17	28,28,28,28	0
85	MG	AR	3756	1/1	0.84	0.36	36,36,36,36	0
85	MG	AR	3759	1/1	0.84	0.26	34,34,34,34	0
85	MG	AR	3765	1/1	0.84	0.25	71,71,71,71	0
84	OHX	1	3596	7/7	0.85	0.18	143,144,144,144	0
84	OHX	AR	3657	7/7	0.85	0.25	114,114,115,115	0
84	OHX	6	2018	7/7	0.85	0.15	189,189,189,189	0
84	OHX	1	3613	7/7	0.85	0.27	120,120,121,121	0
84	OHX	1	3658	7/7	0.85	0.21	142,143,143,143	0
85	MG	1	3766	1/1	0.85	0.18	73,73,73,73	0
84	OHX	3	209	7/7	0.85	0.20	152,152,152,152	0
85	MG	1	4124	1/1	0.85	0.13	48,48,48,48	0
84	OHX	AR	3665	7/7	0.85	0.23	133,133,133,133	0
84	OHX	4	213	7/7	0.85	0.27	117,117,117,117	0
84	OHX	AS	209	7/7	0.85	0.20	140,140,140,140	0
85	MG	A	2071	1/1	0.85	0.36	64,64,64,64	0
85	MG	1	3801	1/1	0.85	0.28	37,37,37,37	0
84	OHX	1	3703	7/7	0.85	0.24	131,131,132,132	0
84	OHX	AR	3670	7/7	0.85	0.21	143,143,144,144	0
85	MG	1	3814	1/1	0.85	0.20	77,77,77,77	0
85	MG	1	3816	1/1	0.85	0.20	44,44,44,44	0
85	MG	AR	4060	1/1	0.85	0.29	70,70,70,70	0
84	OHX	AT	217	7/7	0.85	0.24	128,128,128,128	0
85	MG	AR	4069	1/1	0.85	0.21	26,26,26,26	0
85	MG	1	4210	1/1	0.85	0.13	24,24,24,24	0
84	OHX	CE	402	7/7	0.85	0.21	138,139,139,139	0
85	MG	AR	4077	1/1	0.85	0.11	40,40,40,40	0
85	MG	1	4213	1/1	0.85	0.29	50,50,50,50	0
84	OHX	1	3641	7/7	0.85	0.20	141,141,141,141	0
84	OHX	AR	3680	7/7	0.85	0.22	141,141,142,142	0
84	OHX	6	2034	7/7	0.85	0.18	155,155,155,155	0
84	OHX	6	2036	7/7	0.85	0.28	135,135,136,136	0
84	OHX	A	1969	7/7	0.85	0.23	144,144,145,145	0
84	OHX	1	3707	7/7	0.85	0.26	125,125,126,126	0
84	OHX	1	3664	7/7	0.85	0.27	124,124,124,124	0
84	OHX	1	3692	7/7	0.85	0.32	113,113,113,113	0
84	OHX	A	2012	7/7	0.85	0.22	139,140,140,140	0
85	MG	1	3900	1/1	0.85	0.34	42,42,42,42	0
84	OHX	6	2041	7/7	0.85	0.22	143,144,145,145	0
84	OHX	A	2017	7/7	0.85	0.21	158,159,160,160	0
84	OHX	AR	3708	7/7	0.85	0.24	138,138,139,139	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	A	2109	1/1	0.85	0.23	60,60,60,60	0
85	MG	1	3941	1/1	0.85	0.29	78,78,78,78	0
85	MG	AR	4161	1/1	0.85	0.11	39,39,39,39	0
85	MG	AR	4162	1/1	0.85	0.18	56,56,56,56	0
85	MG	1	3942	1/1	0.85	0.25	32,32,32,32	0
85	MG	1	3945	1/1	0.85	0.20	57,57,57,57	0
84	OHX	1	3711	7/7	0.85	0.25	119,120,120,120	0
84	OHX	6	1962	7/7	0.85	0.22	136,137,137,137	0
85	MG	AR	3771	1/1	0.85	0.16	42,42,42,42	0
85	MG	AR	4202	1/1	0.85	0.43	29,29,29,29	0
85	MG	AR	4213	1/1	0.85	0.24	53,53,53,53	0
85	MG	AR	4214	1/1	0.85	0.11	55,55,55,55	0
85	MG	A	2126	1/1	0.85	0.40	64,64,64,64	0
84	OHX	6	1972	7/7	0.85	0.20	142,143,143,144	0
84	OHX	A	2032	7/7	0.85	0.17	154,154,155,155	0
84	OHX	6	2047	7/7	0.85	0.20	161,162,162,162	0
84	OHX	6	1975	7/7	0.85	0.23	120,120,120,120	0
84	OHX	1	3616	7/7	0.85	0.20	146,146,147,147	0
85	MG	AR	4246	1/1	0.85	0.20	22,22,22,22	0
84	OHX	A	2039	7/7	0.85	0.18	166,167,168,168	0
84	OHX	6	2052	7/7	0.85	0.25	143,144,144,144	0
85	MG	6	2087	1/1	0.85	0.16	56,56,56,56	0
85	MG	1	3978	1/1	0.85	0.24	46,46,46,46	0
85	MG	AR	3821	1/1	0.85	0.12	42,42,42,42	0
84	OHX	1	3644	7/7	0.85	0.15	166,167,167,167	0
85	MG	AR	3827	1/1	0.85	0.22	58,58,58,58	0
85	MG	AS	231	1/1	0.85	0.24	56,56,56,56	0
84	OHX	AR	3597	7/7	0.85	0.19	150,151,151,151	0
85	MG	6	2096	1/1	0.85	0.35	68,68,68,68	0
84	OHX	AR	3610	7/7	0.85	0.20	137,138,138,138	0
84	OHX	AR	3638	7/7	0.85	0.31	119,119,119,119	0
85	MG	6	2103	1/1	0.85	0.37	69,69,69,69	0
84	OHX	1	3650	7/7	0.85	0.25	128,128,128,128	0
85	MG	D	301	1/1	0.85	0.30	58,58,58,58	0
85	MG	CP	502	1/1	0.85	0.26	45,45,45,45	0
84	OHX	AR	3646	7/7	0.85	0.28	108,108,108,108	0
84	OHX	1	3626	7/7	0.85	0.23	124,124,124,124	0
85	MG	AR	3913	1/1	0.85	0.30	26,26,26,26	0
85	MG	s6	301	1/1	0.85	0.31	77,77,77,77	0
85	MG	AR	3914	1/1	0.85	0.24	32,32,32,32	0
85	MG	AR	3915	1/1	0.85	0.34	28,28,28,28	0
85	MG	1	4017	1/1	0.85	0.12	101,101,101,101	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	3951	1/1	0.85	0.32	29,29,29,29	0
85	MG	1	3726	1/1	0.85	0.30	54,54,54,54	0
84	OHX	AR	3730	7/7	0.85	0.15	176,176,176,176	0
85	MG	1	3731	1/1	0.85	0.29	36,36,36,36	0
84	OHX	6	2007	7/7	0.85	0.20	145,146,146,146	0
84	OHX	AR	3640	7/7	0.86	0.26	126,126,126,126	0
85	MG	6	2171	1/1	0.86	0.18	56,56,56,56	0
84	OHX	6	2014	7/7	0.86	0.24	129,129,129,130	0
84	OHX	AR	3707	7/7	0.86	0.27	129,129,130,130	0
85	MG	AR	4062	1/1	0.86	0.12	42,42,42,42	0
85	MG	4	241	1/1	0.86	0.36	45,45,45,45	0
85	MG	s	300	1/1	0.86	0.25	70,70,70,70	0
85	MG	1	3966	1/1	0.86	0.19	69,69,69,69	0
84	OHX	AR	3644	7/7	0.86	0.27	126,127,127,127	0
85	MG	1	3973	1/1	0.86	0.15	37,37,37,37	0
85	MG	A	2077	1/1	0.86	0.37	48,48,48,48	0
84	OHX	AR	3709	7/7	0.86	0.32	110,111,111,111	0
84	OHX	1	3679	7/7	0.86	0.23	131,131,132,132	0
84	OHX	1	3640	7/7	0.86	0.24	124,124,124,125	0
85	MG	AR	4107	1/1	0.86	0.20	78,78,78,78	0
84	OHX	A	1971	7/7	0.86	0.19	149,150,151,151	0
85	MG	6	2066	1/1	0.86	0.28	74,74,74,74	0
84	OHX	1	3669	7/7	0.86	0.18	131,131,131,131	0
85	MG	6	2070	1/1	0.86	0.38	73,73,73,73	0
84	OHX	1	3671	7/7	0.86	0.20	149,150,150,150	0
84	OHX	AR	3656	7/7	0.86	0.22	134,134,134,134	0
85	MG	AR	4134	1/1	0.86	0.18	44,44,44,44	0
85	MG	1	4009	1/1	0.86	0.27	42,42,42,42	0
85	MG	AR	3767	1/1	0.86	0.34	35,35,35,35	0
84	OHX	6	2026	7/7	0.86	0.19	146,146,147,147	0
85	MG	1	4016	1/1	0.86	0.26	39,39,39,39	0
84	OHX	A	2013	7/7	0.86	0.23	132,133,133,133	0
85	MG	1	4022	1/1	0.86	0.18	53,53,53,53	0
85	MG	1	4029	1/1	0.86	0.10	47,47,47,47	0
85	MG	1	3813	1/1	0.86	0.21	61,61,61,61	0
84	OHX	1	3651	7/7	0.86	0.23	130,130,131,131	0
85	MG	AR	4169	1/1	0.86	0.10	46,46,46,46	0
85	MG	AR	3807	1/1	0.86	0.21	25,25,25,25	0
85	MG	6	2091	1/1	0.86	0.35	61,61,61,61	0
84	OHX	6	2005	7/7	0.86	0.28	126,126,127,127	0
85	MG	AR	4189	1/1	0.86	0.45	32,32,32,32	0
85	MG	1	4046	1/1	0.86	0.24	37,37,37,37	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	OHX	A	2022	7/7	0.86	0.15	167,167,167,167	0
84	OHX	AR	3660	7/7	0.86	0.24	123,123,124,124	0
85	MG	1	4057	1/1	0.86	0.20	26,26,26,26	0
84	OHX	y	201	7/7	0.86	0.25	128,129,129,129	0
84	OHX	6	2051	7/7	0.86	0.15	172,172,172,173	0
84	OHX	A	2027	7/7	0.86	0.18	159,160,161,161	0
84	OHX	1	3620	7/7	0.86	0.27	118,118,118,118	0
85	MG	AR	4239	1/1	0.86	0.14	39,39,39,39	0
85	MG	1	4099	1/1	0.86	0.14	44,44,44,44	0
84	OHX	AR	3666	7/7	0.86	0.21	130,131,131,131	0
85	MG	AR	3844	1/1	0.86	0.23	27,27,27,27	0
85	MG	AR	3851	1/1	0.86	0.13	38,38,38,38	0
85	MG	AR	4257	1/1	0.86	0.23	51,51,51,51	0
85	MG	1	4110	1/1	0.86	0.10	30,30,30,30	0
85	MG	AR	3854	1/1	0.86	0.30	48,48,48,48	0
85	MG	AR	3862	1/1	0.86	0.23	56,56,56,56	0
84	OHX	AH	201	7/7	0.86	0.26	129,129,129,130	0
85	MG	1	3857	1/1	0.86	0.23	56,56,56,56	0
85	MG	1	3867	1/1	0.86	0.30	35,35,35,35	0
85	MG	A	2142	1/1	0.86	0.14	80,80,80,80	0
85	MG	1	3873	1/1	0.86	0.11	48,48,48,48	0
84	OHX	6	2035	7/7	0.86	0.22	142,142,143,143	0
85	MG	AT	231	1/1	0.86	0.27	52,52,52,52	0
84	OHX	6	2008	7/7	0.86	0.18	136,136,136,136	0
85	MG	1	3880	1/1	0.86	0.26	31,31,31,31	0
84	OHX	AR	3600	7/7	0.86	0.27	119,119,119,119	0
84	OHX	AR	3677	7/7	0.86	0.30	110,111,111,111	0
84	OHX	AR	3678	7/7	0.86	0.22	137,137,137,138	0
85	MG	AR	3974	1/1	0.86	0.38	81,81,81,81	0
84	OHX	AR	3736	7/7	0.86	0.24	132,132,132,133	0
84	OHX	6	2037	7/7	0.86	0.22	137,137,138,138	0
84	OHX	AR	3631	7/7	0.86	0.15	175,176,177,177	0
84	OHX	AR	3692	7/7	0.86	0.15	170,171,171,171	0
85	MG	AR	4002	1/1	0.86	0.35	28,28,28,28	0
85	MG	AR	4003	1/1	0.86	0.33	45,45,45,45	0
85	MG	6	2150	1/1	0.86	0.17	77,77,77,77	0
84	OHX	AR	3637	7/7	0.86	0.19	129,129,129,129	0
84	OHX	AR	3742	7/7	0.86	0.25	128,129,129,129	0
85	MG	c8	202	1/1	0.86	0.34	79,79,79,79	0
85	MG	c9	201	1/1	0.86	0.11	79,79,79,79	0
84	OHX	1	3667	7/7	0.86	0.22	127,127,128,128	0
84	OHX	AR	3700	7/7	0.86	0.19	135,135,135,135	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	OHX	AR	3701	7/7	0.86	0.28	128,128,128,128	0
87	GOL	AR	4262	6/6	0.86	0.21	48,48,48,48	0
85	MG	1	3954	1/1	0.86	0.26	46,46,46,46	0
85	MG	6	2161	1/1	0.86	0.20	58,58,58,58	0
84	OHX	AR	3639	7/7	0.86	0.18	138,139,139,139	0
84	OHX	1	3629	7/7	0.87	0.19	148,148,148,149	0
84	OHX	AR	3682	7/7	0.87	0.20	144,144,144,145	0
84	OHX	AR	3685	7/7	0.87	0.27	120,121,121,121	0
85	MG	AR	4056	1/1	0.87	0.17	44,44,44,44	0
85	MG	6	2081	1/1	0.87	0.26	55,55,55,55	0
85	MG	AR	3748	1/1	0.87	0.27	44,44,44,44	0
85	MG	AR	4063	1/1	0.87	0.18	54,54,54,54	0
84	OHX	A	2028	7/7	0.87	0.19	157,157,158,158	0
84	OHX	1	3688	7/7	0.87	0.25	129,130,130,130	0
85	MG	AR	4071	1/1	0.87	0.09	39,39,39,39	0
85	MG	AR	3761	1/1	0.87	0.16	31,31,31,31	0
85	MG	1	3861	1/1	0.87	0.16	34,34,34,34	0
85	MG	AR	4076	1/1	0.87	0.18	48,48,48,48	0
84	OHX	A	2031	7/7	0.87	0.17	159,160,161,161	0
84	OHX	AR	3690	7/7	0.87	0.26	117,118,118,118	0
85	MG	AR	4086	1/1	0.87	0.23	42,42,42,42	0
85	MG	AR	4087	1/1	0.87	0.28	63,63,63,63	0
85	MG	AR	3769	1/1	0.87	0.26	59,59,59,59	0
85	MG	AR	4094	1/1	0.87	0.34	43,43,43,43	0
85	MG	1	4091	1/1	0.87	0.17	47,47,47,47	0
85	MG	AR	3772	1/1	0.87	0.26	37,37,37,37	0
84	OHX	A	2033	7/7	0.87	0.21	146,146,147,147	0
85	MG	A	2083	1/1	0.87	0.27	68,68,68,68	0
84	OHX	1	3631	7/7	0.87	0.25	116,116,117,117	0
84	OHX	A	2036	7/7	0.87	0.10	252,253,253,253	0
85	MG	1	3887	1/1	0.87	0.45	42,42,42,42	0
85	MG	1	4121	1/1	0.87	0.17	64,64,64,64	0
84	OHX	AR	3693	7/7	0.87	0.33	131,131,131,131	0
84	OHX	1	3598	7/7	0.87	0.25	127,127,127,127	0
84	OHX	1	3605	7/7	0.87	0.20	129,130,130,130	0
85	MG	AR	4139	1/1	0.87	0.16	46,46,46,46	0
85	MG	AR	4142	1/1	0.87	0.12	46,46,46,46	0
84	OHX	6	2016	7/7	0.87	0.28	120,120,121,121	0
84	OHX	AR	3650	7/7	0.87	0.26	118,118,118,118	0
85	MG	A	2099	1/1	0.87	0.40	71,71,71,71	0
84	OHX	1	3674	7/7	0.87	0.21	136,136,137,137	0
85	MG	AR	4155	1/1	0.87	0.21	34,34,34,34	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
84	OHX	A	2043	7/7	0.87	0.17	155,156,156,157	0
84	OHX	AR	3703	7/7	0.87	0.22	136,136,136,136	0
84	OHX	1	3666	7/7	0.87	0.29	117,118,118,118	0
84	OHX	1	3723	7/7	0.87	0.28	113,113,113,113	0
84	OHX	AR	3655	7/7	0.87	0.20	129,129,130,130	0
84	OHX	3	205	7/7	0.87	0.17	127,128,128,128	0
84	OHX	6	1979	7/7	0.87	0.22	135,135,136,136	0
84	OHX	1	3612	7/7	0.87	0.27	122,122,122,122	0
84	OHX	6	2030	7/7	0.87	0.26	118,118,118,119	0
85	MG	AR	4188	1/1	0.87	0.53	31,31,31,31	0
84	OHX	6	1992	7/7	0.87	0.21	137,137,138,138	0
84	OHX	A	1946	7/7	0.87	0.17	165,166,166,167	0
84	OHX	AR	3579	7/7	0.87	0.24	130,130,130,130	0
85	MG	AR	4209	1/1	0.87	0.15	74,74,74,74	0
85	MG	6	2142	1/1	0.87	0.21	83,83,83,83	0
85	MG	AR	3890	1/1	0.87	0.27	29,29,29,29	0
85	MG	AR	3897	1/1	0.87	0.35	51,51,51,51	0
85	MG	6	2143	1/1	0.87	0.21	75,75,75,75	0
84	OHX	A	1970	7/7	0.87	0.29	132,132,133,133	0
84	OHX	AR	3587	7/7	0.87	0.22	126,126,126,126	0
85	MG	AR	4237	1/1	0.87	0.12	39,39,39,39	0
85	MG	3	221	1/1	0.87	0.16	34,34,34,34	0
85	MG	AR	3934	1/1	0.87	0.27	32,32,32,32	0
85	MG	4	228	1/1	0.87	0.20	54,54,54,54	0
84	OHX	A	1977	7/7	0.87	0.19	153,154,154,155	0
85	MG	A	2136	1/1	0.87	0.32	74,74,74,74	0
84	OHX	AR	3596	7/7	0.87	0.20	121,121,122,122	0
84	OHX	1	3710	7/7	0.87	0.20	136,137,137,137	0
84	OHX	A	1996	7/7	0.87	0.19	139,140,140,141	0
84	OHX	A	1997	7/7	0.87	0.21	139,140,140,140	0
84	OHX	6	1998	7/7	0.87	0.17	146,146,147,147	0
84	OHX	A	2006	7/7	0.87	0.20	149,150,150,150	0
85	MG	AS	223	1/1	0.87	0.29	41,41,41,41	0
85	MG	AS	226	1/1	0.87	0.14	67,67,67,67	0
85	MG	x	203	1/1	0.87	0.32	63,63,63,63	0
85	MG	AR	3980	1/1	0.87	0.28	40,40,40,40	0
85	MG	AT	218	1/1	0.87	0.19	30,30,30,30	0
84	OHX	A	2011	7/7	0.87	0.16	149,149,150,150	0
85	MG	A	2156	1/1	0.87	0.30	45,45,45,45	0
85	MG	AR	3986	1/1	0.87	0.13	56,56,56,56	0
85	MG	6	2169	1/1	0.87	0.21	49,49,49,49	0
85	MG	AR	3996	1/1	0.87	0.22	56,56,56,56	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	OHX	AR	3604	7/7	0.87	0.15	158,159,159,159	0
85	MG	U	201	1/1	0.87	0.42	76,76,76,76	0
84	OHX	1	3592	7/7	0.87	0.24	117,117,117,117	0
85	MG	AR	4006	1/1	0.87	0.26	47,47,47,47	0
84	OHX	A	2014	7/7	0.87	0.23	127,128,128,128	0
85	MG	CR	201	1/1	0.87	0.29	29,29,29,29	0
85	MG	6	2178	1/1	0.87	0.24	57,57,57,57	0
84	OHX	AR	3674	7/7	0.87	0.24	130,130,130,131	0
84	OHX	6	2004	7/7	0.87	0.18	157,157,158,158	0
85	MG	6	2067	1/1	0.87	0.25	45,45,45,45	0
85	MG	DL	102	1/1	0.87	0.24	39,39,39,39	0
87	GOL	v	305	6/6	0.87	0.15	38,38,38,38	0
84	OHX	A	2021	7/7	0.87	0.24	133,133,134,134	0
84	OHX	AR	3636	7/7	0.87	0.23	133,133,134,134	0
85	MG	AR	4028	1/1	0.87	0.11	41,41,41,41	0
85	MG	1	4044	1/1	0.87	0.10	47,47,47,47	0
84	OHX	4	215	7/7	0.87	0.24	137,138,138,138	0
85	MG	A	2051	1/1	0.87	0.32	67,67,67,67	0
84	OHX	1	3693	7/7	0.88	0.24	118,118,118,118	0
85	MG	6	2177	1/1	0.88	0.22	68,68,68,68	0
85	MG	sM	201	1/1	0.88	0.19	41,41,41,41	0
84	OHX	6	2028	7/7	0.88	0.28	123,124,124,124	0
84	OHX	A	1991	7/7	0.88	0.19	157,157,158,158	0
85	MG	6	2184	1/1	0.88	0.16	83,83,83,83	0
84	OHX	AR	3713	7/7	0.88	0.13	178,178,179,179	0
84	OHX	6	2029	7/7	0.88	0.18	152,153,153,154	0
84	OHX	1	3615	7/7	0.88	0.24	133,133,133,134	0
84	OHX	A	2000	7/7	0.88	0.21	140,141,141,141	0
85	MG	1	3767	1/1	0.88	0.21	60,60,60,60	0
84	OHX	6	1999	7/7	0.88	0.22	138,139,139,140	0
84	OHX	6	2001	7/7	0.88	0.24	119,120,120,120	0
84	OHX	A	2007	7/7	0.88	0.14	200,200,201,201	0
84	OHX	1	3567	7/7	0.88	0.23	128,129,129,129	0
85	MG	AB	202	1/1	0.88	0.11	29,29,29,29	0
85	MG	6	2065	1/1	0.88	0.35	40,40,40,40	0
85	MG	AH	202	1/1	0.88	0.17	58,58,58,58	0
84	OHX	1	3680	7/7	0.88	0.28	122,122,122,122	0
84	OHX	AR	3606	7/7	0.88	0.27	113,113,114,114	0
85	MG	1	4015	1/1	0.88	0.28	67,67,67,67	0
85	MG	1	3804	1/1	0.88	0.26	35,35,35,35	0
84	OHX	AR	3723	7/7	0.88	0.19	146,146,147,147	0
85	MG	AR	4090	1/1	0.88	0.22	57,57,57,57	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3812	1/1	0.88	0.36	64,64,64,64	0
84	OHX	1	3685	7/7	0.88	0.23	121,121,121,121	0
84	OHX	AR	3611	7/7	0.88	0.23	126,126,126,126	0
84	OHX	A	2018	7/7	0.88	0.18	155,155,156,156	0
85	MG	A	2079	1/1	0.88	0.37	58,58,58,58	0
85	MG	AR	4109	1/1	0.88	0.12	39,39,39,39	0
84	OHX	AR	3619	7/7	0.88	0.21	122,123,123,124	0
84	OHX	AR	3623	7/7	0.88	0.19	138,139,139,139	0
84	OHX	AR	3676	7/7	0.88	0.25	122,122,123,123	0
84	OHX	AR	3624	7/7	0.88	0.16	150,150,151,151	0
84	OHX	AR	3628	7/7	0.88	0.17	147,148,148,148	0
85	MG	A	2086	1/1	0.88	0.15	66,66,66,66	0
84	OHX	1	3636	7/7	0.88	0.24	126,126,126,126	0
84	OHX	AR	3681	7/7	0.88	0.18	140,140,140,141	0
85	MG	AR	3801	1/1	0.88	0.17	32,32,32,32	0
85	MG	1	3851	1/1	0.88	0.20	34,34,34,34	0
85	MG	AR	4140	1/1	0.88	0.20	44,44,44,44	0
85	MG	AR	4141	1/1	0.88	0.11	37,37,37,37	0
85	MG	6	2093	1/1	0.88	0.30	47,47,47,47	0
85	MG	1	4080	1/1	0.88	0.09	35,35,35,35	0
85	MG	1	4084	1/1	0.88	0.10	32,32,32,32	0
85	MG	1	3852	1/1	0.88	0.22	38,38,38,38	0
84	OHX	AR	3632	7/7	0.88	0.25	117,117,118,118	0
84	OHX	AR	3683	7/7	0.88	0.23	126,127,127,127	0
84	OHX	1	3584	7/7	0.88	0.27	114,114,114,114	0
85	MG	6	2106	1/1	0.88	0.33	50,50,50,50	0
84	OHX	1	3621	7/7	0.88	0.20	125,126,126,126	0
84	OHX	AR	3689	7/7	0.88	0.22	118,118,119,119	0
85	MG	AR	4166	1/1	0.88	0.09	38,38,38,38	0
85	MG	AR	4167	1/1	0.88	0.10	71,71,71,71	0
84	OHX	A	2035	7/7	0.88	0.29	130,131,131,131	0
84	OHX	6	1960	7/7	0.88	0.21	118,118,118,118	0
85	MG	AR	4180	1/1	0.88	0.22	48,48,48,48	0
84	OHX	1	3689	7/7	0.88	0.20	140,140,141,141	0
85	MG	1	4130	1/1	0.88	0.13	45,45,45,45	0
84	OHX	6	2015	7/7	0.88	0.21	135,135,136,136	0
84	OHX	6	2044	7/7	0.88	0.19	140,141,141,141	0
85	MG	1	4148	1/1	0.88	0.11	53,53,53,53	0
85	MG	AR	3864	1/1	0.88	0.27	40,40,40,40	0
85	MG	1	3899	1/1	0.88	0.27	39,39,39,39	0
84	OHX	1	3704	7/7	0.88	0.26	116,117,117,117	0
85	MG	1	3902	1/1	0.88	0.32	35,35,35,35	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	2132	1/1	0.88	0.30	42,42,42,42	0
84	OHX	AR	3699	7/7	0.88	0.23	117,117,117,117	0
85	MG	1	4159	1/1	0.88	0.17	43,43,43,43	0
85	MG	AR	3922	1/1	0.88	0.20	31,31,31,31	0
85	MG	AR	4234	1/1	0.88	0.27	32,32,32,32	0
85	MG	6	2137	1/1	0.88	0.19	82,82,82,82	0
85	MG	AR	3935	1/1	0.88	0.34	49,49,49,49	0
85	MG	AR	3941	1/1	0.88	0.31	36,36,36,36	0
84	OHX	1	3609	7/7	0.88	0.23	119,120,120,120	0
85	MG	1	3925	1/1	0.88	0.12	46,46,46,46	0
85	MG	AR	4253	1/1	0.88	0.21	41,41,41,41	0
85	MG	A	2141	1/1	0.88	0.18	101,101,101,101	0
85	MG	AR	4254	1/1	0.88	0.29	56,56,56,56	0
85	MG	1	4172	1/1	0.88	0.23	67,67,67,67	0
85	MG	AR	3960	1/1	0.88	0.11	41,41,41,41	0
84	OHX	AR	3647	7/7	0.88	0.26	126,126,127,127	0
85	MG	1	3931	1/1	0.88	0.19	32,32,32,32	0
85	MG	1	3936	1/1	0.88	0.32	61,61,61,61	0
84	OHX	AR	3649	7/7	0.88	0.19	144,144,144,144	0
84	OHX	1	3706	7/7	0.88	0.21	136,137,137,138	0
85	MG	1	3944	1/1	0.88	0.17	32,32,32,32	0
84	OHX	Q	201	7/7	0.88	0.15	165,165,165,165	0
85	MG	AR	3981	1/1	0.88	0.17	33,33,33,33	0
84	OHX	AR	3704	7/7	0.88	0.23	133,133,133,133	0
85	MG	AT	223	1/1	0.88	0.29	45,45,45,45	0
85	MG	F	301	1/1	0.88	0.28	64,64,64,64	0
85	MG	6	2156	1/1	0.88	0.09	101,101,101,101	0
85	MG	AT	228	1/1	0.88	0.12	47,47,47,47	0
84	OHX	6	2022	7/7	0.88	0.20	153,154,154,155	0
85	MG	AR	3994	1/1	0.88	0.17	25,25,25,25	0
85	MG	CD	301	1/1	0.88	0.20	34,34,34,34	0
85	MG	CD	302	1/1	0.88	0.13	36,36,36,36	0
84	OHX	6	2049	7/7	0.88	0.16	170,171,171,171	0
84	OHX	6	1987	7/7	0.88	0.22	137,137,138,138	0
84	OHX	1	3556	7/7	0.88	0.23	117,117,117,117	0
85	MG	3	222	1/1	0.88	0.37	52,52,52,52	0
85	MG	CM	202	1/1	0.88	0.26	62,62,62,62	0
85	MG	6	2165	1/1	0.88	0.15	51,51,51,51	0
85	MG	CP	505	1/1	0.88	0.13	71,71,71,71	0
85	MG	4	220	1/1	0.88	0.43	64,64,64,64	0
84	OHX	1	3563	7/7	0.88	0.25	114,114,115,115	0
85	MG	DC	201	1/1	0.88	0.10	30,30,30,30	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	4	229	1/1	0.88	0.22	54,54,54,54	0
85	MG	1	3734	1/1	0.88	0.28	43,43,43,43	0
85	MG	1	3776	1/1	0.89	0.24	43,43,43,43	0
84	OHX	1	3601	7/7	0.89	0.26	112,112,112,112	0
85	MG	1	3786	1/1	0.89	0.12	40,40,40,40	0
85	MG	AR	3997	1/1	0.89	0.09	44,44,44,44	0
84	OHX	1	3675	7/7	0.89	0.17	140,141,141,141	0
85	MG	3	216	1/1	0.89	0.30	58,58,58,58	0
85	MG	AR	4005	1/1	0.89	0.18	40,40,40,40	0
85	MG	CX	204	1/1	0.89	0.11	46,46,46,46	0
85	MG	DA	201	1/1	0.89	0.19	48,48,48,48	0
85	MG	1	3791	1/1	0.89	0.23	54,54,54,54	0
85	MG	3	219	1/1	0.89	0.27	56,56,56,56	0
85	MG	1	3793	1/1	0.89	0.12	37,37,37,37	0
85	MG	1	3976	1/1	0.89	0.11	61,61,61,61	0
84	OHX	6	2017	7/7	0.89	0.19	135,135,136,136	0
85	MG	1	3979	1/1	0.89	0.12	39,39,39,39	0
84	OHX	A	2019	7/7	0.89	0.16	176,176,176,176	0
85	MG	1	3984	1/1	0.89	0.18	70,70,70,70	0
85	MG	4	231	1/1	0.89	0.15	58,58,58,58	0
85	MG	1	3802	1/1	0.89	0.18	86,86,86,86	0
85	MG	1	3988	1/1	0.89	0.18	34,34,34,34	0
85	MG	4	235	1/1	0.89	0.20	70,70,70,70	0
84	OHX	A	2020	7/7	0.89	0.18	147,148,148,148	0
84	OHX	AR	3698	7/7	0.89	0.21	123,123,123,124	0
85	MG	l	403	1/1	0.89	0.15	37,37,37,37	0
85	MG	n	201	1/1	0.89	0.10	43,43,43,43	0
85	MG	o	302	1/1	0.89	0.14	39,39,39,39	0
84	OHX	AR	3738	7/7	0.89	0.17	141,142,142,142	0
84	OHX	AR	3608	7/7	0.89	0.22	131,131,132,132	0
84	OHX	6	1993	7/7	0.89	0.20	134,135,135,135	0
84	OHX	6	2019	7/7	0.89	0.18	140,140,141,141	0
85	MG	1	4013	1/1	0.89	0.14	52,52,52,52	0
85	MG	AB	201	1/1	0.89	0.10	34,34,34,34	0
85	MG	1	4014	1/1	0.89	0.12	57,57,57,57	0
85	MG	AB	204	1/1	0.89	0.16	52,52,52,52	0
85	MG	AR	4079	1/1	0.89	0.19	34,34,34,34	0
85	MG	1	3815	1/1	0.89	0.18	40,40,40,40	0
84	OHX	AR	3612	7/7	0.89	0.30	111,111,111,111	0
85	MG	A	2074	1/1	0.89	0.28	55,55,55,55	0
85	MG	6	2060	1/1	0.89	0.25	47,47,47,47	0
84	OHX	AR	3617	7/7	0.89	0.23	123,123,123,123	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	2063	1/1	0.89	0.23	82,82,82,82	0
84	OHX	AR	3662	7/7	0.89	0.27	111,111,112,112	0
85	MG	1	4028	1/1	0.89	0.10	46,46,46,46	0
85	MG	AR	4102	1/1	0.89	0.29	30,30,30,30	0
84	OHX	6	2043	7/7	0.89	0.20	145,145,146,146	0
85	MG	AR	4108	1/1	0.89	0.15	36,36,36,36	0
84	OHX	AR	3621	7/7	0.89	0.20	135,135,136,136	0
84	OHX	AT	214	7/7	0.89	0.21	131,131,131,132	0
84	OHX	AT	215	7/7	0.89	0.20	137,138,138,138	0
85	MG	6	2073	1/1	0.89	0.35	48,48,48,48	0
84	OHX	AT	216	7/7	0.89	0.24	132,132,132,132	0
84	OHX	6	1994	7/7	0.89	0.14	170,170,170,170	0
85	MG	1	4051	1/1	0.89	0.12	44,44,44,44	0
84	OHX	1	3699	7/7	0.89	0.18	130,131,131,131	0
84	OHX	1	3720	7/7	0.89	0.19	128,128,129,129	0
85	MG	6	2083	1/1	0.89	0.34	63,63,63,63	0
84	OHX	1	3648	7/7	0.89	0.21	119,120,120,120	0
84	OHX	CG	301	7/7	0.89	0.18	142,143,143,144	0
85	MG	A	2097	1/1	0.89	0.35	53,53,53,53	0
84	OHX	1	3657	7/7	0.89	0.22	123,123,124,124	0
85	MG	AR	4145	1/1	0.89	0.19	70,70,70,70	0
85	MG	AR	4146	1/1	0.89	0.09	34,34,34,34	0
85	MG	1	3871	1/1	0.89	0.25	30,30,30,30	0
85	MG	1	4081	1/1	0.89	0.16	29,29,29,29	0
84	OHX	AR	3673	7/7	0.89	0.24	125,125,125,125	0
84	OHX	AR	3714	7/7	0.89	0.22	132,132,133,133	0
85	MG	1	3876	1/1	0.89	0.23	37,37,37,37	0
85	MG	6	2095	1/1	0.89	0.28	41,41,41,41	0
84	OHX	J	301	7/7	0.89	0.15	157,157,158,158	0
85	MG	1	4093	1/1	0.89	0.25	57,57,57,57	0
84	OHX	A	1959	7/7	0.89	0.20	137,138,139,139	0
85	MG	AR	4165	1/1	0.89	0.20	43,43,43,43	0
85	MG	AR	3836	1/1	0.89	0.23	48,48,48,48	0
84	OHX	AR	3635	7/7	0.89	0.20	137,138,138,138	0
85	MG	1	4109	1/1	0.89	0.20	66,66,66,66	0
85	MG	A	2119	1/1	0.89	0.25	57,57,57,57	0
84	OHX	6	1950	7/7	0.89	0.19	135,135,136,136	0
85	MG	AR	3849	1/1	0.89	0.28	35,35,35,35	0
84	OHX	1	3649	7/7	0.89	0.26	113,113,113,113	0
85	MG	6	2107	1/1	0.89	0.42	43,43,43,43	0
84	OHX	3	208	7/7	0.89	0.25	116,116,116,116	0
85	MG	AR	3855	1/1	0.89	0.23	33,33,33,33	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	3859	1/1	0.89	0.37	29,29,29,29	0
85	MG	AR	4196	1/1	0.89	0.12	43,43,43,43	0
85	MG	6	2111	1/1	0.89	0.35	61,61,61,61	0
84	OHX	1	3602	7/7	0.89	0.24	128,128,128,129	0
85	MG	AR	4210	1/1	0.89	0.32	54,54,54,54	0
85	MG	AR	3868	1/1	0.89	0.26	25,25,25,25	0
85	MG	AR	3877	1/1	0.89	0.24	22,22,22,22	0
85	MG	A	2137	1/1	0.89	0.24	58,58,58,58	0
85	MG	AR	4215	1/1	0.89	0.22	70,70,70,70	0
85	MG	AR	3889	1/1	0.89	0.27	35,35,35,35	0
84	OHX	d9	101	7/7	0.89	0.18	153,153,154,154	0
84	OHX	A	1989	7/7	0.89	0.16	154,155,155,155	0
85	MG	AR	3898	1/1	0.89	0.33	28,28,28,28	0
85	MG	AR	4225	1/1	0.89	0.15	34,34,34,34	0
85	MG	AR	3901	1/1	0.89	0.28	29,29,29,29	0
85	MG	6	2116	1/1	0.89	0.21	62,62,62,62	0
85	MG	1	4138	1/1	0.89	0.11	33,33,33,33	0
85	MG	A	2149	1/1	0.89	0.12	60,60,60,60	0
84	OHX	1	3713	7/7	0.89	0.20	138,138,138,139	0
84	OHX	1	3639	7/7	0.89	0.20	132,132,132,132	0
85	MG	A	2152	1/1	0.89	0.35	43,43,43,43	0
85	MG	1	3930	1/1	0.89	0.15	40,40,40,40	0
85	MG	AR	4251	1/1	0.89	0.33	59,59,59,59	0
84	OHX	AR	3643	7/7	0.89	0.20	120,121,121,121	0
85	MG	1	4151	1/1	0.89	0.14	41,41,41,41	0
84	OHX	AR	3724	7/7	0.89	0.22	130,130,131,131	0
85	MG	AR	3946	1/1	0.89	0.13	59,59,59,59	0
84	OHX	AR	3552	7/7	0.89	0.22	114,114,114,114	0
84	OHX	6	1986	7/7	0.89	0.19	147,148,148,148	0
85	MG	AR	3953	1/1	0.89	0.10	34,34,34,34	0
85	MG	AR	3955	1/1	0.89	0.10	34,34,34,34	0
84	OHX	6	2012	7/7	0.89	0.21	136,136,137,137	0
84	OHX	AR	3687	7/7	0.89	0.24	121,121,122,122	0
84	OHX	AR	3593	7/7	0.89	0.24	113,114,114,114	0
85	MG	1	3760	1/1	0.89	0.25	27,27,27,27	0
85	MG	1	4180	1/1	0.89	0.27	45,45,45,45	0
85	MG	AT	220	1/1	0.89	0.16	53,53,53,53	0
85	MG	1	4183	1/1	0.89	0.09	44,44,44,44	0
85	MG	1	4207	1/1	0.89	0.19	36,36,36,36	0
85	MG	1	3762	1/1	0.89	0.23	30,30,30,30	0
85	MG	AR	3978	1/1	0.89	0.26	49,49,49,49	0
84	OHX	6	2013	7/7	0.89	0.23	121,122,122,122	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	OHX	AR	3691	7/7	0.89	0.25	116,116,116,117	0
85	MG	1	4215	1/1	0.89	0.34	27,27,27,27	0
84	OHX	1	3643	7/7	0.89	0.29	114,114,114,114	0
85	MG	AR	3990	1/1	0.89	0.08	39,39,39,39	0
84	OHX	A	1953	7/7	0.90	0.19	146,147,147,147	0
85	MG	6	2180	1/1	0.90	0.12	64,64,64,64	0
85	MG	1	4039	1/1	0.90	0.17	40,40,40,40	0
84	OHX	1	3684	7/7	0.90	0.19	141,141,141,141	0
84	OHX	A	1966	7/7	0.90	0.20	131,131,132,132	0
84	OHX	1	3619	7/7	0.90	0.22	127,127,127,127	0
85	MG	1	3863	1/1	0.90	0.21	55,55,55,55	0
84	OHX	1	3606	7/7	0.90	0.18	138,138,138,138	0
84	OHX	6	1996	7/7	0.90	0.15	154,154,155,155	0
85	MG	AR	4017	1/1	0.90	0.07	95,95,95,95	0
84	OHX	r	301	7/7	0.90	0.20	115,115,115,115	0
85	MG	AR	4023	1/1	0.90	0.11	31,31,31,31	0
84	OHX	A	1978	7/7	0.90	0.17	143,144,144,145	0
85	MG	1	4064	1/1	0.90	0.20	58,58,58,58	0
85	MG	AR	4027	1/1	0.90	0.21	76,76,76,76	0
84	OHX	A	1980	7/7	0.90	0.19	137,137,138,138	0
85	MG	AR	4029	1/1	0.90	0.19	42,42,42,42	0
85	MG	DC	203	1/1	0.90	0.12	47,47,47,47	0
85	MG	1	4074	1/1	0.90	0.11	37,37,37,37	0
84	OHX	A	1983	7/7	0.90	0.19	142,142,143,143	0
85	MG	AR	4039	1/1	0.90	0.29	56,56,56,56	0
85	MG	AR	4041	1/1	0.90	0.10	34,34,34,34	0
85	MG	AR	4042	1/1	0.90	0.14	57,57,57,57	0
84	OHX	1	3652	7/7	0.90	0.25	110,110,110,110	0
85	MG	A	2045	1/1	0.90	0.31	58,58,58,58	0
84	OHX	1	3599	7/7	0.90	0.25	115,116,116,116	0
84	OHX	1	3501	7/7	0.90	0.15	126,126,127,127	0
85	MG	1	4085	1/1	0.90	0.14	51,51,51,51	0
85	MG	AR	3749	1/1	0.90	0.18	42,42,42,42	0
85	MG	6	2071	1/1	0.90	0.34	45,45,45,45	0
84	OHX	AR	3517	7/7	0.90	0.17	145,146,146,146	0
84	OHX	A	1995	7/7	0.90	0.19	151,152,152,152	0
84	OHX	AR	3684	7/7	0.90	0.21	124,125,125,125	0
85	MG	1	4092	1/1	0.90	0.25	54,54,54,54	0
84	OHX	AR	3527	7/7	0.90	0.24	112,112,112,112	0
85	MG	1	4094	1/1	0.90	0.12	78,78,78,78	0
85	MG	AR	4075	1/1	0.90	0.10	36,36,36,36	0
85	MG	1	3913	1/1	0.90	0.34	28,28,28,28	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	2082	1/1	0.90	0.27	54,54,54,54	0
85	MG	1	4101	1/1	0.90	0.17	38,38,38,38	0
85	MG	1	3923	1/1	0.90	0.16	51,51,51,51	0
85	MG	1	4105	1/1	0.90	0.23	26,26,26,26	0
85	MG	AR	3783	1/1	0.90	0.17	44,44,44,44	0
85	MG	AR	3785	1/1	0.90	0.38	57,57,57,57	0
84	OHX	A	1999	7/7	0.90	0.19	146,146,147,147	0
85	MG	AR	3790	1/1	0.90	0.27	22,22,22,22	0
85	MG	1	3746	1/1	0.90	0.23	26,26,26,26	0
85	MG	AR	4099	1/1	0.90	0.10	41,41,41,41	0
85	MG	AR	4101	1/1	0.90	0.11	48,48,48,48	0
85	MG	AR	3795	1/1	0.90	0.31	49,49,49,49	0
84	OHX	AR	3531	7/7	0.90	0.23	115,115,115,115	0
85	MG	1	4116	1/1	0.90	0.20	44,44,44,44	0
85	MG	1	3928	1/1	0.90	0.17	34,34,34,34	0
85	MG	AR	4114	1/1	0.90	0.13	40,40,40,40	0
85	MG	AR	3811	1/1	0.90	0.12	50,50,50,50	0
85	MG	1	4122	1/1	0.90	0.13	78,78,78,78	0
84	OHX	1	3552	7/7	0.90	0.14	150,150,151,151	0
84	OHX	A	2003	7/7	0.90	0.21	129,130,130,130	0
85	MG	AR	4123	1/1	0.90	0.24	57,57,57,57	0
85	MG	1	3753	1/1	0.90	0.25	35,35,35,35	0
85	MG	6	2099	1/1	0.90	0.27	51,51,51,51	0
85	MG	A	2090	1/1	0.90	0.17	57,57,57,57	0
85	MG	AR	4127	1/1	0.90	0.10	77,77,77,77	0
85	MG	AR	4132	1/1	0.90	0.23	49,49,49,49	0
85	MG	1	4137	1/1	0.90	0.16	55,55,55,55	0
84	OHX	AR	3688	7/7	0.90	0.18	136,136,137,137	0
85	MG	1	3761	1/1	0.90	0.27	41,41,41,41	0
84	OHX	AR	3563	7/7	0.90	0.20	122,122,123,123	0
84	OHX	6	2031	7/7	0.90	0.25	125,126,126,126	0
84	OHX	AR	3586	7/7	0.90	0.23	119,119,120,120	0
84	OHX	AR	3648	7/7	0.90	0.20	130,131,131,131	0
85	MG	1	3774	1/1	0.90	0.28	43,43,43,43	0
85	MG	AR	3843	1/1	0.90	0.13	30,30,30,30	0
85	MG	AR	4149	1/1	0.90	0.19	66,66,66,66	0
85	MG	1	4156	1/1	0.90	0.13	44,44,44,44	0
84	OHX	1	3614	7/7	0.90	0.18	133,133,133,134	0
84	OHX	1	3604	7/7	0.90	0.24	116,116,117,117	0
84	OHX	6	1961	7/7	0.90	0.22	128,129,129,130	0
85	MG	1	4167	1/1	0.90	0.12	23,23,23,23	0
85	MG	1	4170	1/1	0.90	0.37	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3787	1/1	0.90	0.18	46,46,46,46	0
85	MG	A	2113	1/1	0.90	0.28	73,73,73,73	0
84	OHX	1	3645	7/7	0.90	0.21	125,126,126,126	0
84	OHX	AR	3599	7/7	0.90	0.18	136,136,136,136	0
85	MG	1	4175	1/1	0.90	0.21	39,39,39,39	0
85	MG	AR	3875	1/1	0.90	0.23	45,45,45,45	0
84	OHX	6	1971	7/7	0.90	0.18	136,136,136,137	0
84	OHX	AR	3601	7/7	0.90	0.20	127,127,128,128	0
85	MG	1	4201	1/1	0.90	0.23	28,28,28,28	0
85	MG	AR	3891	1/1	0.90	0.33	69,69,69,69	0
85	MG	1	3798	1/1	0.90	0.21	32,32,32,32	0
84	OHX	AR	3602	7/7	0.90	0.17	143,143,144,144	0
84	OHX	3	206	7/7	0.90	0.18	127,127,128,128	0
84	OHX	AT	210	7/7	0.90	0.22	119,119,120,120	0
85	MG	AR	3906	1/1	0.90	0.18	33,33,33,33	0
85	MG	AR	4198	1/1	0.90	0.30	51,51,51,51	0
85	MG	AR	3912	1/1	0.90	0.28	23,23,23,23	0
85	MG	AR	4204	1/1	0.90	0.09	38,38,38,38	0
84	OHX	1	3662	7/7	0.90	0.26	116,116,116,116	0
85	MG	6	2141	1/1	0.90	0.10	52,52,52,52	0
85	MG	1	3806	1/1	0.90	0.29	51,51,51,51	0
85	MG	AR	3917	1/1	0.90	0.28	42,42,42,42	0
84	OHX	AR	3607	7/7	0.90	0.23	113,113,113,113	0
85	MG	AR	3924	1/1	0.90	0.22	27,27,27,27	0
85	MG	1	3986	1/1	0.90	0.08	42,42,42,42	0
84	OHX	AR	3661	7/7	0.90	0.25	112,112,112,113	0
84	OHX	6	1977	7/7	0.90	0.18	150,151,151,152	0
85	MG	AR	3942	1/1	0.90	0.42	31,31,31,31	0
85	MG	6	2147	1/1	0.90	0.12	57,57,57,57	0
85	MG	1	3993	1/1	0.90	0.22	42,42,42,42	0
85	MG	6	2152	1/1	0.90	0.22	62,62,62,62	0
84	OHX	A	2030	7/7	0.90	0.19	142,143,143,144	0
85	MG	AR	4244	1/1	0.90	0.30	45,45,45,45	0
84	OHX	1	3591	7/7	0.90	0.25	109,109,109,109	0
85	MG	AR	4248	1/1	0.90	0.33	45,45,45,45	0
84	OHX	6	1980	7/7	0.90	0.21	116,116,116,116	0
84	OHX	6	1984	7/7	0.90	0.16	150,150,151,151	0
85	MG	6	2157	1/1	0.90	0.14	56,56,56,56	0
84	OHX	AR	3615	7/7	0.90	0.17	132,133,133,133	0
84	OHX	4	210	7/7	0.90	0.27	108,108,108,108	0
84	OHX	1	3634	7/7	0.90	0.21	132,132,132,133	0
85	MG	AR	4259	1/1	0.90	0.31	16,16,16,16	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AS	212	1/1	0.90	0.33	41,41,41,41	0
84	OHX	CK	201	7/7	0.90	0.22	118,118,119,119	0
85	MG	1	3830	1/1	0.90	0.17	44,44,44,44	0
85	MG	1	3835	1/1	0.90	0.30	30,30,30,30	0
85	MG	s4	301	1/1	0.90	0.21	59,59,59,59	0
85	MG	1	4021	1/1	0.90	0.24	44,44,44,44	0
84	OHX	CL	301	7/7	0.90	0.24	121,122,122,122	0
85	MG	6	2170	1/1	0.90	0.17	64,64,64,64	0
85	MG	1	4027	1/1	0.90	0.20	35,35,35,35	0
85	MG	AS	229	1/1	0.90	0.20	46,46,46,46	0
84	OHX	1	3683	7/7	0.90	0.19	118,118,118,118	0
85	MG	k	402	1/1	0.90	0.10	37,37,37,37	0
85	MG	AR	3992	1/1	0.90	0.34	67,67,67,67	0
85	MG	AT	222	1/1	0.90	0.18	43,43,43,43	0
85	MG	6	2176	1/1	0.90	0.20	93,93,93,93	0
85	MG	AT	224	1/1	0.90	0.22	68,68,68,68	0
84	OHX	6	2020	7/7	0.90	0.17	135,136,136,137	0
85	MG	AT	227	1/1	0.90	0.44	79,79,79,79	0
84	OHX	1	3594	7/7	0.91	0.19	131,131,132,132	0
85	MG	AR	3893	1/1	0.91	0.43	50,50,50,50	0
85	MG	AR	3896	1/1	0.91	0.35	36,36,36,36	0
84	OHX	AR	3592	7/7	0.91	0.25	114,114,114,114	0
84	OHX	1	3628	7/7	0.91	0.15	144,145,145,145	0
85	MG	6	2173	1/1	0.91	0.28	48,48,48,48	0
85	MG	AR	3902	1/1	0.91	0.33	42,42,42,42	0
85	MG	6	2068	1/1	0.91	0.43	61,61,61,61	0
84	OHX	1	3541	7/7	0.91	0.20	119,119,120,120	0
85	MG	AR	3909	1/1	0.91	0.36	25,25,25,25	0
84	OHX	1	3597	7/7	0.91	0.22	117,117,118,118	0
84	OHX	AR	3598	7/7	0.91	0.23	117,118,118,118	0
85	MG	AR	4129	1/1	0.91	0.17	26,26,26,26	0
84	OHX	1	3545	7/7	0.91	0.18	120,120,120,120	0
85	MG	AR	4133	1/1	0.91	0.17	25,25,25,25	0
84	OHX	1	3633	7/7	0.91	0.20	134,134,135,135	0
85	MG	AR	4135	1/1	0.91	0.09	62,62,62,62	0
84	OHX	e	101	7/7	0.91	0.19	143,144,145,145	0
85	MG	1	3983	1/1	0.91	0.22	55,55,55,55	0
84	OHX	1	3572	7/7	0.91	0.24	118,119,119,119	0
84	OHX	1	3575	7/7	0.91	0.22	116,117,117,117	0
84	OHX	AR	3603	7/7	0.91	0.23	107,107,107,107	0
85	MG	AR	4144	1/1	0.91	0.10	41,41,41,41	0
84	OHX	1	3577	7/7	0.91	0.22	118,118,119,119	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3842	1/1	0.91	0.25	25,25,25,25	0
85	MG	AR	3943	1/1	0.91	0.14	41,41,41,41	0
84	OHX	AR	3605	7/7	0.91	0.22	128,128,128,129	0
85	MG	1	3727	1/1	0.91	0.28	37,37,37,37	0
85	MG	AR	4152	1/1	0.91	0.13	38,38,38,38	0
85	MG	AR	3949	1/1	0.91	0.12	32,32,32,32	0
85	MG	6	2193	1/1	0.91	0.25	55,55,55,55	0
84	OHX	1	3677	7/7	0.91	0.20	116,116,117,117	0
85	MG	1	4004	1/1	0.91	0.15	44,44,44,44	0
85	MG	6	2197	1/1	0.91	0.23	56,56,56,56	0
85	MG	AR	3958	1/1	0.91	0.27	38,38,38,38	0
85	MG	6	2198	1/1	0.91	0.34	49,49,49,49	0
85	MG	1	4169	1/1	0.91	0.12	30,30,30,30	0
84	OHX	1	3551	7/7	0.91	0.20	118,118,119,119	0
85	MG	1	3732	1/1	0.91	0.26	26,26,26,26	0
85	MG	AR	3971	1/1	0.91	0.32	57,57,57,57	0
85	MG	AR	4170	1/1	0.91	0.06	32,32,32,32	0
84	OHX	1	3507	7/7	0.91	0.21	113,113,114,114	0
85	MG	AR	4174	1/1	0.91	0.13	39,39,39,39	0
85	MG	AR	4179	1/1	0.91	0.13	43,43,43,43	0
84	OHX	1	3681	7/7	0.91	0.21	127,127,127,128	0
85	MG	AR	4181	1/1	0.91	0.15	50,50,50,50	0
85	MG	AR	4182	1/1	0.91	0.12	79,79,79,79	0
85	MG	1	3740	1/1	0.91	0.17	30,30,30,30	0
85	MG	1	3742	1/1	0.91	0.15	38,38,38,38	0
84	OHX	1	3724	7/7	0.91	0.21	113,113,113,113	0
85	MG	1	4186	1/1	0.91	0.26	25,25,25,25	0
85	MG	1	4194	1/1	0.91	0.28	22,22,22,22	0
84	OHX	1	3660	7/7	0.91	0.17	153,153,154,154	0
84	OHX	1	3661	7/7	0.91	0.22	119,120,120,120	0
84	OHX	1	3622	7/7	0.91	0.14	153,154,154,154	0
85	MG	1	4023	1/1	0.91	0.25	57,57,57,57	0
85	MG	AR	4205	1/1	0.91	0.16	59,59,59,59	0
85	MG	AR	4207	1/1	0.91	0.16	48,48,48,48	0
84	OHX	AR	3528	7/7	0.91	0.21	108,108,108,108	0
84	OHX	A	2016	7/7	0.91	0.18	142,143,143,144	0
85	MG	1	3884	1/1	0.91	0.17	29,29,29,29	0
84	OHX	AR	3620	7/7	0.91	0.17	143,144,144,144	0
85	MG	1	3894	1/1	0.91	0.29	22,22,22,22	0
85	MG	1	3755	1/1	0.91	0.28	36,36,36,36	0
85	MG	AR	3784	1/1	0.91	0.25	51,51,51,51	0
85	MG	AR	4008	1/1	0.91	0.10	26,26,26,26	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
84	OHX	6	1978	7/7	0.91	0.20	117,117,117,118	0
85	MG	AR	4222	1/1	0.91	0.26	58,58,58,58	0
84	OHX	AR	3622	7/7	0.91	0.18	130,131,131,131	0
85	MG	AR	4229	1/1	0.91	0.35	34,34,34,34	0
84	OHX	AR	3712	7/7	0.91	0.26	109,109,109,109	0
85	MG	1	3906	1/1	0.91	0.13	42,42,42,42	0
84	OHX	AR	3538	7/7	0.91	0.17	123,123,124,124	0
85	MG	AR	4020	1/1	0.91	0.08	41,41,41,41	0
85	MG	A	2123	1/1	0.91	0.30	55,55,55,55	0
85	MG	1	3909	1/1	0.91	0.30	25,25,25,25	0
85	MG	AR	4022	1/1	0.91	0.10	30,30,30,30	0
84	OHX	AR	3543	7/7	0.91	0.20	123,123,123,123	0
85	MG	6	2129	1/1	0.91	0.32	62,62,62,62	0
85	MG	1	4058	1/1	0.91	0.24	51,51,51,51	0
85	MG	AR	4252	1/1	0.91	0.31	50,50,50,50	0
85	MG	4	226	1/1	0.91	0.21	42,42,42,42	0
85	MG	1	4061	1/1	0.91	0.21	54,54,54,54	0
84	OHX	AR	3626	7/7	0.91	0.20	122,123,123,123	0
84	OHX	1	3623	7/7	0.91	0.24	114,114,115,115	0
85	MG	AR	3822	1/1	0.91	0.22	46,46,46,46	0
84	OHX	AR	3559	7/7	0.91	0.20	121,121,121,121	0
85	MG	AS	214	1/1	0.91	0.22	52,52,52,52	0
85	MG	1	3926	1/1	0.91	0.10	37,37,37,37	0
85	MG	AS	218	1/1	0.91	0.11	33,33,33,33	0
84	OHX	AR	3562	7/7	0.91	0.22	124,124,124,124	0
84	OHX	CX	202	7/7	0.91	0.21	117,118,118,118	0
84	OHX	A	1935	7/7	0.91	0.18	140,140,141,141	0
84	OHX	AR	3633	7/7	0.91	0.22	124,125,125,125	0
85	MG	AR	3835	1/1	0.91	0.23	45,45,45,45	0
85	MG	AR	4058	1/1	0.91	0.20	61,61,61,61	0
84	OHX	AR	3634	7/7	0.91	0.22	112,112,113,113	0
84	OHX	A	1958	7/7	0.91	0.12	173,173,173,173	0
85	MG	1	3795	1/1	0.91	0.24	26,26,26,26	0
85	MG	AT	219	1/1	0.91	0.21	36,36,36,36	0
85	MG	A	2154	1/1	0.91	0.36	45,45,45,45	0
85	MG	6	2148	1/1	0.91	0.27	48,48,48,48	0
84	OHX	4	209	7/7	0.91	0.20	113,113,113,113	0
85	MG	AR	3845	1/1	0.91	0.15	23,23,23,23	0
84	OHX	A	1960	7/7	0.91	0.15	151,151,151,152	0
84	OHX	A	1964	7/7	0.91	0.21	122,122,123,123	0
85	MG	1	3949	1/1	0.91	0.23	44,44,44,44	0
85	MG	x	205	1/1	0.91	0.29	33,33,33,33	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	OHX	AR	3564	7/7	0.91	0.13	155,155,155,155	0
85	MG	AR	4078	1/1	0.91	0.29	60,60,60,60	0
84	OHX	AR	3575	7/7	0.91	0.24	119,120,120,120	0
84	OHX	1	3624	7/7	0.91	0.17	136,136,136,137	0
85	MG	6	2058	1/1	0.91	0.24	45,45,45,45	0
85	MG	CE	406	1/1	0.91	0.12	25,25,25,25	0
85	MG	AR	3865	1/1	0.91	0.20	24,24,24,24	0
85	MG	1	3805	1/1	0.91	0.22	29,29,29,29	0
85	MG	CI	301	1/1	0.91	0.09	33,33,33,33	0
84	OHX	1	3539	7/7	0.91	0.19	119,119,119,119	0
85	MG	1	3807	1/1	0.91	0.11	41,41,41,41	0
85	MG	AR	4095	1/1	0.91	0.14	25,25,25,25	0
85	MG	AR	3885	1/1	0.91	0.27	33,33,33,33	0
85	MG	AR	3886	1/1	0.91	0.28	30,30,30,30	0
85	MG	AR	4100	1/1	0.91	0.12	57,57,57,57	0
85	MG	6	2062	1/1	0.91	0.23	51,51,51,51	0
85	MG	1	4115	1/1	0.91	0.10	36,36,36,36	0
85	MG	DA	202	1/1	0.91	0.17	45,45,45,45	0
84	OHX	AR	3576	7/7	0.92	0.20	128,128,129,129	0
85	MG	1	4206	1/1	0.92	0.16	30,30,30,30	0
85	MG	1	3763	1/1	0.92	0.18	29,29,29,29	0
85	MG	1	3888	1/1	0.92	0.23	29,29,29,29	0
85	MG	1	4026	1/1	0.92	0.36	65,65,65,65	0
85	MG	1	3764	1/1	0.92	0.20	41,41,41,41	0
85	MG	6	2121	1/1	0.92	0.22	41,41,41,41	0
84	OHX	1	3654	7/7	0.92	0.19	136,136,136,137	0
85	MG	CF	403	1/1	0.92	0.09	34,34,34,34	0
84	OHX	AR	3584	7/7	0.92	0.16	131,131,131,132	0
84	OHX	A	1947	7/7	0.92	0.20	129,129,130,130	0
85	MG	1	4036	1/1	0.92	0.39	70,70,70,70	0
85	MG	1	4038	1/1	0.92	0.14	41,41,41,41	0
85	MG	CM	203	1/1	0.92	0.30	55,55,55,55	0
85	MG	AR	3842	1/1	0.92	0.09	47,47,47,47	0
84	OHX	6	1973	7/7	0.92	0.17	137,138,138,138	0
85	MG	CQ	201	1/1	0.92	0.17	34,34,34,34	0
85	MG	AR	4085	1/1	0.92	0.12	35,35,35,35	0
85	MG	1	4040	1/1	0.92	0.12	74,74,74,74	0
85	MG	CU	201	1/1	0.92	0.15	38,38,38,38	0
84	OHX	6	1974	7/7	0.92	0.20	121,121,122,122	0
85	MG	AR	4089	1/1	0.92	0.11	62,62,62,62	0
84	OHX	AR	3590	7/7	0.92	0.23	113,113,113,113	0
85	MG	1	3785	1/1	0.92	0.25	25,25,25,25	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	2139	1/1	0.92	0.18	45,45,45,45	0
84	OHX	AR	3591	7/7	0.92	0.22	112,112,112,112	0
85	MG	1	3915	1/1	0.92	0.20	36,36,36,36	0
85	MG	AR	3856	1/1	0.92	0.34	27,27,27,27	0
85	MG	AR	3858	1/1	0.92	0.22	36,36,36,36	0
85	MG	4	217	1/1	0.92	0.28	52,52,52,52	0
85	MG	sM	202	1/1	0.92	0.21	42,42,42,42	0
85	MG	1	3919	1/1	0.92	0.24	33,33,33,33	0
85	MG	AR	4104	1/1	0.92	0.17	66,66,66,66	0
85	MG	4	221	1/1	0.92	0.23	51,51,51,51	0
85	MG	4	222	1/1	0.92	0.15	33,33,33,33	0
85	MG	1	4054	1/1	0.92	0.16	56,56,56,56	0
85	MG	AR	4113	1/1	0.92	0.07	37,37,37,37	0
85	MG	4	227	1/1	0.92	0.11	52,52,52,52	0
84	OHX	1	3635	7/7	0.92	0.18	122,122,123,123	0
85	MG	AR	3882	1/1	0.92	0.21	47,47,47,47	0
85	MG	AR	3883	1/1	0.92	0.25	32,32,32,32	0
84	OHX	1	3550	7/7	0.92	0.20	115,115,115,116	0
84	OHX	1	3638	7/7	0.92	0.18	122,123,123,123	0
85	MG	4	232	1/1	0.92	0.10	37,37,37,37	0
84	OHX	1	3536	7/7	0.92	0.23	109,109,109,109	0
84	OHX	AG	201	7/7	0.92	0.23	114,115,115,115	0
85	MG	AR	4128	1/1	0.92	0.17	55,55,55,55	0
84	OHX	1	3537	7/7	0.92	0.22	115,115,115,116	0
85	MG	AR	4130	1/1	0.92	0.11	31,31,31,31	0
85	MG	4	236	1/1	0.92	0.15	50,50,50,50	0
84	OHX	6	2011	7/7	0.92	0.19	146,146,147,147	0
84	OHX	A	1979	7/7	0.92	0.16	142,143,144,144	0
85	MG	AR	3900	1/1	0.92	0.33	37,37,37,37	0
85	MG	1	3932	1/1	0.92	0.19	55,55,55,55	0
85	MG	1	3933	1/1	0.92	0.15	49,49,49,49	0
85	MG	1	4082	1/1	0.92	0.08	35,35,35,35	0
84	OHX	AR	3506	7/7	0.92	0.18	112,112,112,112	0
85	MG	6	2167	1/1	0.92	0.15	53,53,53,53	0
85	MG	1	3937	1/1	0.92	0.11	68,68,68,68	0
85	MG	1	3939	1/1	0.92	0.16	39,39,39,39	0
84	OHX	A	1981	7/7	0.92	0.11	194,195,195,195	0
85	MG	v	303	1/1	0.92	0.19	44,44,44,44	0
85	MG	w	201	1/1	0.92	0.14	37,37,37,37	0
84	OHX	1	3588	7/7	0.92	0.19	128,128,128,128	0
85	MG	AR	3923	1/1	0.92	0.43	38,38,38,38	0
85	MG	x	204	1/1	0.92	0.28	28,28,28,28	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	3930	1/1	0.92	0.30	29,29,29,29	0
84	OHX	AR	3524	7/7	0.92	0.18	118,119,119,119	0
84	OHX	6	1985	7/7	0.92	0.20	130,130,131,131	0
85	MG	AR	3936	1/1	0.92	0.29	20,20,20,20	0
85	MG	AR	3938	1/1	0.92	0.33	34,34,34,34	0
85	MG	x	208	1/1	0.92	0.14	46,46,46,46	0
84	OHX	1	3589	7/7	0.92	0.26	113,113,113,113	0
84	OHX	1	3485	7/7	0.92	0.17	120,121,121,121	0
84	OHX	A	1994	7/7	0.92	0.18	142,143,144,144	0
84	OHX	AR	3537	7/7	0.92	0.15	131,132,132,132	0
84	OHX	1	3488	7/7	0.92	0.19	109,109,109,110	0
85	MG	1	4107	1/1	0.92	0.09	40,40,40,40	0
84	OHX	1	3610	7/7	0.92	0.16	130,130,131,131	0
85	MG	A	2101	1/1	0.92	0.19	64,64,64,64	0
85	MG	AR	4178	1/1	0.92	0.19	24,24,24,24	0
84	OHX	AR	3546	7/7	0.92	0.20	123,124,124,124	0
84	OHX	c5	201	7/7	0.92	0.13	161,161,161,161	0
85	MG	1	4113	1/1	0.92	0.29	57,57,57,57	0
85	MG	1	3962	1/1	0.92	0.13	39,39,39,39	0
85	MG	1	3963	1/1	0.92	0.17	45,45,45,45	0
85	MG	A	2108	1/1	0.92	0.32	57,57,57,57	0
84	OHX	c8	201	7/7	0.92	0.15	146,147,147,148	0
85	MG	6	2196	1/1	0.92	0.40	48,48,48,48	0
84	OHX	1	3593	7/7	0.92	0.13	166,167,167,167	0
85	MG	AR	3973	1/1	0.92	0.14	40,40,40,40	0
84	OHX	A	2001	7/7	0.92	0.20	136,137,137,138	0
84	OHX	AS	210	7/7	0.92	0.20	115,115,116,116	0
85	MG	1	3728	1/1	0.92	0.33	52,52,52,52	0
85	MG	AR	4203	1/1	0.92	0.10	29,29,29,29	0
85	MG	1	3834	1/1	0.92	0.22	22,22,22,22	0
85	MG	AR	3979	1/1	0.92	0.19	41,41,41,41	0
84	OHX	AR	3613	7/7	0.92	0.23	112,112,112,112	0
85	MG	1	3836	1/1	0.92	0.23	36,36,36,36	0
85	MG	AR	3747	1/1	0.92	0.16	23,23,23,23	0
85	MG	1	4145	1/1	0.92	0.17	42,42,42,42	0
85	MG	1	3841	1/1	0.92	0.29	29,29,29,29	0
85	MG	AR	3750	1/1	0.92	0.17	27,27,27,27	0
85	MG	AR	3753	1/1	0.92	0.14	26,26,26,26	0
84	OHX	A	2004	7/7	0.92	0.17	139,139,140,140	0
85	MG	AR	3995	1/1	0.92	0.23	65,65,65,65	0
84	OHX	A	2005	7/7	0.92	0.19	131,132,132,132	0
85	MG	AR	3760	1/1	0.92	0.19	53,53,53,53	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	4223	1/1	0.92	0.16	61,61,61,61	0
85	MG	AR	4224	1/1	0.92	0.16	47,47,47,47	0
85	MG	AR	3998	1/1	0.92	0.27	40,40,40,40	0
85	MG	AR	4227	1/1	0.92	0.20	22,22,22,22	0
85	MG	AR	4000	1/1	0.92	0.18	25,25,25,25	0
85	MG	AR	4230	1/1	0.92	0.26	18,18,18,18	0
85	MG	AR	4001	1/1	0.92	0.14	38,38,38,38	0
84	OHX	1	3517	7/7	0.92	0.18	119,119,120,120	0
85	MG	AR	3762	1/1	0.92	0.19	24,24,24,24	0
85	MG	1	3849	1/1	0.92	0.23	23,23,23,23	0
85	MG	1	3987	1/1	0.92	0.45	65,65,65,65	0
85	MG	A	2145	1/1	0.92	0.11	92,92,92,92	0
84	OHX	AR	3561	7/7	0.92	0.22	110,110,110,111	0
84	OHX	AR	3618	7/7	0.92	0.21	113,113,114,114	0
84	OHX	1	3569	7/7	0.92	0.25	111,111,111,111	0
85	MG	1	4165	1/1	0.92	0.20	24,24,24,24	0
84	OHX	1	3546	7/7	0.92	0.19	127,127,127,127	0
85	MG	AR	4016	1/1	0.92	0.16	33,33,33,33	0
85	MG	6	2094	1/1	0.92	0.18	37,37,37,37	0
85	MG	AR	4019	1/1	0.92	0.23	45,45,45,45	0
84	OHX	1	3574	7/7	0.92	0.23	116,116,117,117	0
84	OHX	AR	3565	7/7	0.92	0.22	113,113,113,113	0
85	MG	1	3865	1/1	0.92	0.19	45,45,45,45	0
85	MG	A	2158	1/1	0.92	0.31	67,67,67,67	0
84	OHX	AR	3568	7/7	0.92	0.19	117,117,117,117	0
85	MG	AS	215	1/1	0.92	0.24	58,58,58,58	0
84	OHX	AR	3569	7/7	0.92	0.15	137,137,137,138	0
84	OHX	AR	3669	7/7	0.92	0.11	175,176,176,176	0
84	OHX	AR	3571	7/7	0.92	0.22	125,125,125,125	0
84	OHX	AR	3671	7/7	0.92	0.28	113,113,113,113	0
85	MG	1	4184	1/1	0.92	0.10	36,36,36,36	0
85	MG	AR	3797	1/1	0.92	0.15	31,31,31,31	0
85	MG	AS	224	1/1	0.92	0.13	55,55,55,55	0
85	MG	AS	225	1/1	0.92	0.13	58,58,58,58	0
85	MG	AR	4032	1/1	0.92	0.16	48,48,48,48	0
84	OHX	AR	3627	7/7	0.92	0.21	127,128,128,128	0
85	MG	AR	3803	1/1	0.92	0.18	35,35,35,35	0
85	MG	AR	3804	1/1	0.92	0.22	27,27,27,27	0
85	MG	1	4190	1/1	0.92	0.35	25,25,25,25	0
85	MG	d6	101	1/1	0.92	0.23	49,49,49,49	0
85	MG	1	4192	1/1	0.92	0.30	21,21,21,21	0
84	OHX	1	3617	7/7	0.92	0.21	122,122,122,122	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	4200	1/1	0.92	0.29	22,22,22,22	0
85	MG	AR	4051	1/1	0.92	0.20	40,40,40,40	0
85	MG	AR	4052	1/1	0.92	0.16	86,86,86,86	0
85	MG	AR	3816	1/1	0.92	0.11	39,39,39,39	0
85	MG	6	2114	1/1	0.92	0.25	46,46,46,46	0
85	MG	1	3921	1/1	0.93	0.14	57,57,57,57	0
85	MG	6	2064	1/1	0.93	0.27	53,53,53,53	0
84	OHX	6	1970	7/7	0.93	0.19	126,126,127,127	0
84	OHX	1	3558	7/7	0.93	0.15	134,134,135,135	0
85	MG	1	3770	1/1	0.93	0.18	29,29,29,29	0
84	OHX	1	3559	7/7	0.93	0.13	143,143,143,144	0
85	MG	AR	4025	1/1	0.93	0.15	31,31,31,31	0
85	MG	1	4096	1/1	0.93	0.23	27,27,27,27	0
85	MG	AR	3782	1/1	0.93	0.14	36,36,36,36	0
85	MG	1	4098	1/1	0.93	0.10	47,47,47,47	0
85	MG	1	3773	1/1	0.93	0.17	38,38,38,38	0
84	OHX	AT	207	7/7	0.93	0.17	117,117,117,117	0
85	MG	1	4103	1/1	0.93	0.18	60,60,60,60	0
85	MG	AR	4034	1/1	0.93	0.10	60,60,60,60	0
85	MG	AT	221	1/1	0.93	0.34	52,52,52,52	0
84	OHX	AT	208	7/7	0.93	0.24	114,114,114,114	0
84	OHX	6	2009	7/7	0.93	0.18	126,127,127,128	0
85	MG	AR	4040	1/1	0.93	0.10	43,43,43,43	0
85	MG	1	4106	1/1	0.93	0.33	67,67,67,67	0
85	MG	6	2077	1/1	0.93	0.34	39,39,39,39	0
85	MG	1	3781	1/1	0.93	0.20	33,33,33,33	0
84	OHX	AT	212	7/7	0.93	0.17	128,128,128,128	0
85	MG	AR	4047	1/1	0.93	0.20	54,54,54,54	0
85	MG	AR	4048	1/1	0.93	0.16	34,34,34,34	0
85	MG	AR	3802	1/1	0.93	0.08	40,40,40,40	0
84	OHX	AR	3573	7/7	0.93	0.17	123,123,123,123	0
84	OHX	1	3586	7/7	0.93	0.17	121,122,122,122	0
85	MG	1	3788	1/1	0.93	0.30	45,45,45,45	0
85	MG	AR	4057	1/1	0.93	0.21	41,41,41,41	0
85	MG	AR	3809	1/1	0.93	0.26	37,37,37,37	0
85	MG	AR	4059	1/1	0.93	0.15	47,47,47,47	0
85	MG	1	4114	1/1	0.93	0.16	52,52,52,52	0
85	MG	AR	4061	1/1	0.93	0.11	50,50,50,50	0
84	OHX	1	3678	7/7	0.93	0.22	117,117,118,118	0
85	MG	CO	201	1/1	0.93	0.12	44,44,44,44	0
85	MG	AR	3813	1/1	0.93	0.15	55,55,55,55	0
85	MG	CP	504	1/1	0.93	0.15	46,46,46,46	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	4064	1/1	0.93	0.21	38,38,38,38	0
84	OHX	AR	3577	7/7	0.93	0.14	156,157,158,158	0
85	MG	AR	3815	1/1	0.93	0.12	32,32,32,32	0
85	MG	CR	202	1/1	0.93	0.13	29,29,29,29	0
85	MG	1	4119	1/1	0.93	0.11	35,35,35,35	0
85	MG	1	3792	1/1	0.93	0.19	37,37,37,37	0
84	OHX	1	3561	7/7	0.93	0.16	124,124,125,125	0
84	OHX	AR	3580	7/7	0.93	0.18	117,118,118,118	0
84	OHX	AR	3583	7/7	0.93	0.20	113,114,114,114	0
84	OHX	1	3663	7/7	0.93	0.17	111,111,111,111	0
85	MG	DC	202	1/1	0.93	0.23	48,48,48,48	0
85	MG	1	3800	1/1	0.93	0.15	45,45,45,45	0
84	OHX	AR	3585	7/7	0.93	0.20	117,117,117,117	0
84	OHX	1	3547	7/7	0.93	0.17	120,121,121,121	0
85	MG	6	2101	1/1	0.93	0.30	53,53,53,53	0
85	MG	1	4141	1/1	0.93	0.26	64,64,64,64	0
85	MG	DQ	204	1/1	0.93	0.11	32,32,32,32	0
84	OHX	1	3540	7/7	0.93	0.20	111,111,111,111	0
85	MG	AR	4088	1/1	0.93	0.27	25,25,25,25	0
84	OHX	AR	3588	7/7	0.93	0.22	112,112,112,113	0
85	MG	1	3959	1/1	0.93	0.19	66,66,66,66	0
84	OHX	1	3519	7/7	0.93	0.19	116,116,116,116	0
84	OHX	CP	501	7/7	0.93	0.18	126,126,126,127	0
85	MG	A	2048	1/1	0.93	0.23	52,52,52,52	0
85	MG	6	2108	1/1	0.93	0.34	50,50,50,50	0
85	MG	6	2109	1/1	0.93	0.33	56,56,56,56	0
84	OHX	6	1982	7/7	0.93	0.14	147,147,148,148	0
85	MG	AR	3850	1/1	0.93	0.23	24,24,24,24	0
85	MG	1	4154	1/1	0.93	0.09	46,46,46,46	0
85	MG	A	2054	1/1	0.93	0.14	66,66,66,66	0
84	OHX	1	3525	7/7	0.93	0.19	114,114,114,115	0
85	MG	1	3811	1/1	0.93	0.14	44,44,44,44	0
85	MG	AR	4106	1/1	0.93	0.08	46,46,46,46	0
84	OHX	A	1941	7/7	0.93	0.15	136,137,137,137	0
85	MG	1	4160	1/1	0.93	0.09	34,34,34,34	0
85	MG	1	3972	1/1	0.93	0.28	45,45,45,45	0
85	MG	AR	4110	1/1	0.93	0.14	46,46,46,46	0
85	MG	1	4163	1/1	0.93	0.14	44,44,44,44	0
85	MG	AR	3860	1/1	0.93	0.26	23,23,23,23	0
84	OHX	AR	3653	7/7	0.93	0.18	120,120,121,121	0
84	OHX	1	3637	7/7	0.93	0.14	140,140,140,141	0
85	MG	AR	4118	1/1	0.93	0.12	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	4168	1/1	0.93	0.28	20,20,20,20	0
85	MG	1	3977	1/1	0.93	0.09	48,48,48,48	0
85	MG	AR	3874	1/1	0.93	0.32	27,27,27,27	0
85	MG	AR	4124	1/1	0.93	0.11	39,39,39,39	0
85	MG	A	2076	1/1	0.93	0.28	51,51,51,51	0
84	OHX	A	1952	7/7	0.93	0.20	128,129,129,129	0
84	OHX	AR	3595	7/7	0.93	0.17	131,131,131,132	0
84	OHX	1	3608	7/7	0.93	0.17	118,119,119,119	0
85	MG	1	4173	1/1	0.93	0.32	36,36,36,36	0
84	OHX	1	3722	1/7	0.93	0.20	136,136,136,136	0
84	OHX	6	1988	7/7	0.93	0.16	133,133,133,134	0
85	MG	1	3822	1/1	0.93	0.28	18,18,18,18	0
84	OHX	A	1963	7/7	0.93	0.14	150,151,152,152	0
84	OHX	AR	3494	7/7	0.93	0.17	124,125,125,125	0
84	OHX	1	3553	7/7	0.93	0.20	121,122,122,122	0
85	MG	AR	3895	1/1	0.93	0.27	43,43,43,43	0
85	MG	1	3831	1/1	0.93	0.29	26,26,26,26	0
84	OHX	6	1990	7/7	0.93	0.19	129,130,130,130	0
85	MG	1	3995	1/1	0.93	0.15	34,34,34,34	0
85	MG	1	4198	1/1	0.93	0.34	43,43,43,43	0
85	MG	1	3996	1/1	0.93	0.16	64,64,64,64	0
85	MG	1	3997	1/1	0.93	0.15	54,54,54,54	0
85	MG	1	4203	1/1	0.93	0.18	31,31,31,31	0
85	MG	AR	4147	1/1	0.93	0.06	31,31,31,31	0
85	MG	AR	3905	1/1	0.93	0.25	29,29,29,29	0
85	MG	1	4205	1/1	0.93	0.24	31,31,31,31	0
85	MG	1	3998	1/1	0.93	0.10	36,36,36,36	0
84	OHX	AR	3520	7/7	0.93	0.20	112,112,113,113	0
84	OHX	c1	201	7/7	0.93	0.18	147,148,148,149	0
85	MG	1	3837	1/1	0.93	0.24	26,26,26,26	0
84	OHX	AR	3521	7/7	0.93	0.16	117,118,118,118	0
85	MG	AR	4159	1/1	0.93	0.13	36,36,36,36	0
84	OHX	6	2025	7/7	0.93	0.21	120,120,121,121	0
85	MG	1	4010	1/1	0.93	0.16	30,30,30,30	0
84	OHX	AR	3526	7/7	0.93	0.18	117,117,117,118	0
84	OHX	6	1991	7/7	0.93	0.16	133,134,134,135	0
85	MG	AR	3926	1/1	0.93	0.29	33,33,33,33	0
84	OHX	6	1940	7/7	0.93	0.13	149,150,151,151	0
85	MG	AR	3932	1/1	0.93	0.14	63,63,63,63	0
85	MG	AR	3933	1/1	0.93	0.25	24,24,24,24	0
84	OHX	6	1946	7/7	0.93	0.20	127,128,128,129	0
85	MG	3	215	1/1	0.93	0.35	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	4173	1/1	0.93	0.12	53,53,53,53	0
85	MG	A	2116	1/1	0.93	0.24	67,67,67,67	0
84	OHX	A	1982	7/7	0.93	0.19	121,122,122,122	0
84	OHX	AR	3536	7/7	0.93	0.17	123,124,124,124	0
85	MG	AR	3939	1/1	0.93	0.28	31,31,31,31	0
84	OHX	1	3595	7/7	0.93	0.14	140,140,140,140	0
85	MG	1	3860	1/1	0.93	0.29	36,36,36,36	0
84	OHX	6	1955	7/7	0.93	0.12	179,179,179,179	0
84	OHX	AR	3541	7/7	0.93	0.22	125,125,125,125	0
85	MG	1	3864	1/1	0.93	0.17	38,38,38,38	0
85	MG	AR	4187	1/1	0.93	0.18	36,36,36,36	0
85	MG	4	218	1/1	0.93	0.31	49,49,49,49	0
84	OHX	1	3611	7/7	0.93	0.24	119,119,119,120	0
85	MG	AR	4193	1/1	0.93	0.18	38,38,38,38	0
85	MG	1	3736	1/1	0.93	0.27	31,31,31,31	0
84	OHX	1	3526	7/7	0.93	0.19	114,115,115,115	0
85	MG	A	2133	1/1	0.93	0.28	72,72,72,72	0
85	MG	1	4034	1/1	0.93	0.23	42,42,42,42	0
85	MG	AR	4199	1/1	0.93	0.21	45,45,45,45	0
85	MG	AR	4200	1/1	0.93	0.18	48,48,48,48	0
85	MG	1	4035	1/1	0.93	0.20	47,47,47,47	0
85	MG	1	3872	1/1	0.93	0.32	32,32,32,32	0
85	MG	1	4037	1/1	0.93	0.07	30,30,30,30	0
85	MG	AR	3964	1/1	0.93	0.16	35,35,35,35	0
85	MG	AR	4206	1/1	0.93	0.16	33,33,33,33	0
85	MG	6	2182	1/1	0.93	0.20	83,83,83,83	0
85	MG	4	230	1/1	0.93	0.07	35,35,35,35	0
84	OHX	AR	3548	7/7	0.93	0.18	121,121,122,122	0
84	OHX	AR	3549	7/7	0.93	0.17	116,117,117,117	0
85	MG	1	3875	1/1	0.93	0.25	23,23,23,23	0
84	OHX	3	207	7/7	0.93	0.14	137,138,138,138	0
85	MG	AR	4216	1/1	0.93	0.16	44,44,44,44	0
84	OHX	A	1998	7/7	0.93	0.15	158,159,160,160	0
84	OHX	AR	3553	7/7	0.93	0.19	113,113,113,113	0
85	MG	1	3748	1/1	0.93	0.24	44,44,44,44	0
84	OHX	AR	3558	7/7	0.93	0.15	137,137,137,137	0
84	OHX	6	2000	7/7	0.93	0.18	130,130,131,131	0
84	OHX	AR	3560	7/7	0.93	0.14	135,135,136,136	0
85	MG	1	4055	1/1	0.93	0.11	33,33,33,33	0
85	MG	1	3896	1/1	0.93	0.25	36,36,36,36	0
84	OHX	6	1964	7/7	0.93	0.18	123,123,124,124	0
85	MG	1	3898	1/1	0.93	0.26	33,33,33,33	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	3993	1/1	0.93	0.21	28,28,28,28	0
85	MG	AR	4233	1/1	0.93	0.18	31,31,31,31	0
84	OHX	6	1966	7/7	0.93	0.16	133,133,134,134	0
85	MG	T	202	1/1	0.93	0.11	97,97,97,97	0
85	MG	1	3758	1/1	0.93	0.18	32,32,32,32	0
85	MG	1	3759	1/1	0.93	0.11	41,41,41,41	0
85	MG	1	4071	1/1	0.93	0.11	40,40,40,40	0
85	MG	1	4072	1/1	0.93	0.30	46,46,46,46	0
85	MG	1	4073	1/1	0.93	0.18	40,40,40,40	0
85	MG	1	3904	1/1	0.93	0.29	25,25,25,25	0
85	MG	x	207	1/1	0.93	0.15	33,33,33,33	0
85	MG	1	4077	1/1	0.93	0.11	33,33,33,33	0
85	MG	6	2053	1/1	0.93	0.27	41,41,41,41	0
85	MG	AR	3754	1/1	0.93	0.28	40,40,40,40	0
84	OHX	6	1968	7/7	0.93	0.21	122,122,123,123	0
84	OHX	AR	3743	7/7	0.93	0.28	109,109,109,109	0
85	MG	d6	102	1/1	0.93	0.20	38,38,38,38	0
85	MG	AR	4012	1/1	0.93	0.17	30,30,30,30	0
84	OHX	AR	3744	7/7	0.93	0.26	109,110,110,110	0
84	OHX	6	1969	7/7	0.93	0.18	127,127,128,128	0
84	OHX	AS	208	7/7	0.93	0.14	138,139,139,139	0
85	MG	1	3765	1/1	0.93	0.27	21,21,21,21	0
85	MG	AS	216	1/1	0.93	0.32	23,23,23,23	0
85	MG	1	3920	1/1	0.93	0.09	41,41,41,41	0
85	MG	1	3725	1/1	0.94	0.29	34,34,34,34	0
85	MG	6	2084	1/1	0.94	0.19	48,48,48,48	0
84	OHX	1	3670	7/7	0.94	0.22	111,111,111,111	0
84	OHX	1	3531	7/7	0.94	0.20	114,114,114,114	0
85	MG	AR	4035	1/1	0.94	0.11	43,43,43,43	0
84	OHX	1	3534	7/7	0.94	0.18	113,113,113,113	0
84	OHX	6	1919	7/7	0.94	0.16	121,121,122,122	0
84	OHX	6	1932	7/7	0.94	0.17	132,132,133,133	0
84	OHX	AR	3679	7/7	0.94	0.12	153,153,153,154	0
85	MG	1	3990	1/1	0.94	0.15	24,24,24,24	0
84	OHX	AR	3567	7/7	0.94	0.15	121,121,121,121	0
85	MG	AR	4045	1/1	0.94	0.23	55,55,55,55	0
85	MG	1	4155	1/1	0.94	0.09	53,53,53,53	0
85	MG	1	3994	1/1	0.94	0.14	47,47,47,47	0
84	OHX	1	3481	7/7	0.94	0.17	116,117,117,117	0
84	OHX	A	1990	7/7	0.94	0.16	135,135,136,136	0
85	MG	1	3738	1/1	0.94	0.23	28,28,28,28	0
85	MG	1	3855	1/1	0.94	0.16	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AT	225	1/1	0.94	0.22	53,53,53,53	0
85	MG	1	4162	1/1	0.94	0.15	40,40,40,40	0
85	MG	1	3739	1/1	0.94	0.11	51,51,51,51	0
85	MG	AR	3831	1/1	0.94	0.17	44,44,44,44	0
85	MG	AR	3832	1/1	0.94	0.25	30,30,30,30	0
85	MG	1	4001	1/1	0.94	0.24	47,47,47,47	0
85	MG	AR	3834	1/1	0.94	0.16	33,33,33,33	0
85	MG	1	4166	1/1	0.94	0.19	47,47,47,47	0
85	MG	1	4002	1/1	0.94	0.07	37,37,37,37	0
85	MG	AR	3837	1/1	0.94	0.28	19,19,19,19	0
85	MG	AR	4067	1/1	0.94	0.10	34,34,34,34	0
85	MG	AR	3838	1/1	0.94	0.18	27,27,27,27	0
84	OHX	6	1941	7/7	0.94	0.15	120,120,121,121	0
85	MG	1	3741	1/1	0.94	0.18	37,37,37,37	0
85	MG	1	4005	1/1	0.94	0.13	36,36,36,36	0
85	MG	AR	4073	1/1	0.94	0.13	40,40,40,40	0
84	OHX	AR	3570	7/7	0.94	0.19	120,121,121,121	0
84	OHX	AK	102	7/7	0.94	0.18	105,105,105,105	0
84	OHX	1	3565	7/7	0.94	0.15	131,131,131,131	0
84	OHX	AR	3472	7/7	0.94	0.18	111,111,111,112	0
85	MG	1	3869	1/1	0.94	0.33	34,34,34,34	0
85	MG	1	4176	1/1	0.94	0.29	34,34,34,34	0
85	MG	CQ	202	1/1	0.94	0.19	32,32,32,32	0
85	MG	AR	3852	1/1	0.94	0.10	37,37,37,37	0
85	MG	AR	4082	1/1	0.94	0.18	24,24,24,24	0
85	MG	AR	4083	1/1	0.94	0.30	31,31,31,31	0
85	MG	AR	4084	1/1	0.94	0.08	34,34,34,34	0
84	OHX	AR	3474	7/7	0.94	0.19	114,114,114,115	0
85	MG	1	4182	1/1	0.94	0.15	25,25,25,25	0
84	OHX	AR	3493	7/7	0.94	0.16	114,114,114,114	0
84	OHX	1	3566	7/7	0.94	0.17	113,113,114,114	0
85	MG	AR	3857	1/1	0.94	0.27	20,20,20,20	0
84	OHX	AR	3495	7/7	0.94	0.18	113,113,114,114	0
85	MG	1	4187	1/1	0.94	0.15	43,43,43,43	0
85	MG	6	2122	1/1	0.94	0.24	61,61,61,61	0
84	OHX	AR	3581	7/7	0.94	0.21	109,109,109,109	0
85	MG	AR	4097	1/1	0.94	0.19	40,40,40,40	0
85	MG	AR	3863	1/1	0.94	0.30	21,21,21,21	0
85	MG	1	3754	1/1	0.94	0.21	37,37,37,37	0
85	MG	1	4193	1/1	0.94	0.23	23,23,23,23	0
85	MG	6	2127	1/1	0.94	0.19	54,54,54,54	0
85	MG	AR	3869	1/1	0.94	0.32	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	4103	1/1	0.94	0.17	47,47,47,47	0
85	MG	1	3878	1/1	0.94	0.26	24,24,24,24	0
85	MG	1	4195	1/1	0.94	0.28	29,29,29,29	0
84	OHX	AR	3582	7/7	0.94	0.19	114,114,114,114	0
85	MG	AR	3880	1/1	0.94	0.27	42,42,42,42	0
85	MG	AR	3881	1/1	0.94	0.21	30,30,30,30	0
84	OHX	AR	3501	7/7	0.94	0.18	113,113,114,114	0
85	MG	AR	4111	1/1	0.94	0.08	37,37,37,37	0
84	OHX	1	3503	7/7	0.94	0.14	127,128,128,129	0
84	OHX	AT	209	7/7	0.94	0.17	121,121,122,122	0
84	OHX	AR	3512	7/7	0.94	0.16	118,118,119,119	0
85	MG	1	4032	1/1	0.94	0.18	42,42,42,42	0
85	MG	A	2058	1/1	0.94	0.34	46,46,46,46	0
85	MG	1	4033	1/1	0.94	0.22	58,58,58,58	0
85	MG	A	2060	1/1	0.94	0.39	55,55,55,55	0
85	MG	A	2061	1/1	0.94	0.34	59,59,59,59	0
85	MG	1	4209	1/1	0.94	0.32	48,48,48,48	0
85	MG	A	2063	1/1	0.94	0.33	51,51,51,51	0
85	MG	1	3892	1/1	0.94	0.20	23,23,23,23	0
85	MG	AR	3894	1/1	0.94	0.32	45,45,45,45	0
84	OHX	AT	211	7/7	0.94	0.13	137,138,138,138	0
84	OHX	A	2009	7/7	0.94	0.19	126,126,127,127	0
84	OHX	6	1995	7/7	0.94	0.16	133,134,134,135	0
84	OHX	1	3520	7/7	0.94	0.16	123,123,124,124	0
85	MG	AR	3899	1/1	0.94	0.24	45,45,45,45	0
85	MG	1	4218	1/1	0.94	0.14	32,32,32,32	0
84	OHX	AR	3645	7/7	0.94	0.20	118,118,118,118	0
85	MG	6	2149	1/1	0.94	0.23	46,46,46,46	0
84	OHX	3	202	7/7	0.94	0.21	115,116,116,116	0
85	MG	AR	3904	1/1	0.94	0.25	21,21,21,21	0
85	MG	1	4041	1/1	0.94	0.20	45,45,45,45	0
84	OHX	1	3571	7/7	0.94	0.18	111,111,112,112	0
85	MG	AR	4138	1/1	0.94	0.22	28,28,28,28	0
85	MG	1	3771	1/1	0.94	0.14	33,33,33,33	0
84	OHX	1	3483	7/7	0.94	0.17	113,113,113,113	0
85	MG	3	217	1/1	0.94	0.11	40,40,40,40	0
85	MG	1	3907	1/1	0.94	0.34	40,40,40,40	0
84	OHX	1	3514	7/7	0.94	0.17	112,112,112,112	0
84	OHX	1	3554	7/7	0.94	0.16	129,129,130,130	0
85	MG	AR	3919	1/1	0.94	0.40	34,34,34,34	0
85	MG	1	3775	1/1	0.94	0.19	32,32,32,32	0
84	OHX	AR	3594	7/7	0.94	0.18	114,114,115,115	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3917	1/1	0.94	0.23	30,30,30,30	0
85	MG	6	2164	1/1	0.94	0.17	53,53,53,53	0
85	MG	1	3777	1/1	0.94	0.07	30,30,30,30	0
85	MG	AR	3931	1/1	0.94	0.21	17,17,17,17	0
85	MG	AR	4154	1/1	0.94	0.09	39,39,39,39	0
84	OHX	1	3543	7/7	0.94	0.15	119,119,120,120	0
85	MG	1	4059	1/1	0.94	0.21	51,51,51,51	0
85	MG	AR	4157	1/1	0.94	0.30	75,75,75,75	0
85	MG	AR	4158	1/1	0.94	0.14	29,29,29,29	0
85	MG	1	4060	1/1	0.94	0.19	44,44,44,44	0
85	MG	4	224	1/1	0.94	0.27	33,33,33,33	0
85	MG	1	3779	1/1	0.94	0.46	55,55,55,55	0
84	OHX	4	203	7/7	0.94	0.20	106,107,107,107	0
85	MG	1	4065	1/1	0.94	0.24	48,48,48,48	0
85	MG	1	4069	1/1	0.94	0.10	46,46,46,46	0
85	MG	1	3784	1/1	0.94	0.20	26,26,26,26	0
84	OHX	1	3600	7/7	0.94	0.11	150,150,150,150	0
85	MG	AR	3944	1/1	0.94	0.16	38,38,38,38	0
84	OHX	1	3581	7/7	0.94	0.20	112,113,113,113	0
84	OHX	AR	3539	7/7	0.94	0.12	127,128,128,128	0
84	OHX	4	211	7/7	0.94	0.14	138,139,139,140	0
85	MG	AR	3950	1/1	0.94	0.17	47,47,47,47	0
84	OHX	4	212	7/7	0.94	0.17	128,128,128,128	0
84	OHX	DH	201	7/7	0.94	0.19	113,113,113,113	0
84	OHX	A	1915	7/7	0.94	0.15	142,143,143,144	0
85	MG	4	238	1/1	0.94	0.08	35,35,35,35	0
85	MG	4	239	1/1	0.94	0.28	43,43,43,43	0
85	MG	AR	4183	1/1	0.94	0.12	55,55,55,55	0
85	MG	4	240	1/1	0.94	0.22	32,32,32,32	0
84	OHX	A	1918	7/7	0.94	0.18	128,129,129,129	0
85	MG	AR	3963	1/1	0.94	0.17	49,49,49,49	0
84	OHX	A	1927	7/7	0.94	0.14	138,138,139,139	0
85	MG	AR	3965	1/1	0.94	0.15	50,50,50,50	0
85	MG	1	4083	1/1	0.94	0.06	41,41,41,41	0
85	MG	l	404	1/1	0.94	0.19	35,35,35,35	0
85	MG	AR	3970	1/1	0.94	0.11	50,50,50,50	0
84	OHX	A	1932	7/7	0.94	0.15	141,142,142,143	0
84	OHX	AR	3544	7/7	0.94	0.20	109,109,110,110	0
84	OHX	AR	3715	7/7	0.94	0.14	118,118,119,119	0
85	MG	AR	4201	1/1	0.94	0.08	35,35,35,35	0
85	MG	AR	3975	1/1	0.94	0.08	31,31,31,31	0
84	OHX	A	1945	7/7	0.94	0.14	143,144,144,145	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
84	OHX	AR	3545	7/7	0.94	0.24	108,108,108,108	0
85	MG	v	302	1/1	0.94	0.16	36,36,36,36	0
84	OHX	1	3582	7/7	0.94	0.17	121,121,121,121	0
85	MG	1	3946	1/1	0.94	0.13	34,34,34,34	0
85	MG	AR	4208	1/1	0.94	0.13	57,57,57,57	0
85	MG	w	202	1/1	0.94	0.13	31,31,31,31	0
84	OHX	6	1976	7/7	0.94	0.13	146,147,147,148	0
85	MG	AR	3746	1/1	0.94	0.15	58,58,58,58	0
85	MG	AR	3988	1/1	0.94	0.32	50,50,50,50	0
84	OHX	1	3603	7/7	0.94	0.20	123,123,124,124	0
85	MG	1	3950	1/1	0.94	0.12	38,38,38,38	0
84	OHX	A	1956	7/7	0.94	0.15	133,133,134,134	0
84	OHX	1	3583	7/7	0.94	0.16	131,132,132,132	0
85	MG	A	2147	1/1	0.94	0.08	79,79,79,79	0
84	OHX	1	3625	7/7	0.94	0.14	135,135,135,135	0
85	MG	lR	201	1/1	0.94	0.22	26,26,26,26	0
85	MG	AR	4221	1/1	0.94	0.10	35,35,35,35	0
85	MG	1	3810	1/1	0.94	0.13	32,32,32,32	0
84	OHX	AR	3555	7/7	0.94	0.17	115,115,115,115	0
84	OHX	A	1962	7/7	0.94	0.17	132,133,133,134	0
84	OHX	AR	3556	7/7	0.94	0.22	109,109,109,109	0
84	OHX	AR	3557	7/7	0.94	0.16	123,123,124,124	0
84	OHX	A	1965	7/7	0.94	0.18	134,135,135,136	0
84	OHX	1	3646	7/7	0.94	0.17	117,118,118,118	0
85	MG	AR	4231	1/1	0.94	0.18	32,32,32,32	0
84	OHX	h	401	7/7	0.94	0.12	175,176,177,177	0
84	OHX	A	1967	7/7	0.94	0.17	119,119,120,120	0
85	MG	AR	4235	1/1	0.94	0.24	26,26,26,26	0
85	MG	1	3969	1/1	0.94	0.24	41,41,41,41	0
85	MG	AR	4238	1/1	0.94	0.07	36,36,36,36	0
85	MG	AR	4009	1/1	0.94	0.14	37,37,37,37	0
84	OHX	1	3647	7/7	0.94	0.19	118,118,118,118	0
84	OHX	AR	3616	7/7	0.94	0.22	109,110,110,110	0
85	MG	AR	4245	1/1	0.94	0.22	26,26,26,26	0
84	OHX	AR	3672	7/7	0.94	0.23	109,110,110,110	0
84	OHX	A	1974	7/7	0.94	0.13	167,167,168,168	0
85	MG	1	4123	1/1	0.94	0.13	51,51,51,51	0
84	OHX	A	1975	7/7	0.94	0.12	156,158,158,158	0
85	MG	1	4127	1/1	0.94	0.20	45,45,45,45	0
85	MG	1	4128	1/1	0.94	0.13	51,51,51,51	0
85	MG	d3	202	1/1	0.94	0.30	47,47,47,47	0
85	MG	1	4129	1/1	0.94	0.27	33,33,33,33	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	OHX	1	3544	7/7	0.94	0.21	116,117,117,117	0
85	MG	1	3832	1/1	0.94	0.19	26,26,26,26	0
86	HN8	1	4223	22/22	0.94	0.12	32,32,32,32	0
85	MG	AR	3793	1/1	0.94	0.17	29,29,29,29	0
85	MG	1	4132	1/1	0.94	0.11	86,86,86,86	0
85	MG	AS	213	1/1	0.94	0.18	26,26,26,26	0
85	MG	1	4134	1/1	0.94	0.11	63,63,63,63	0
85	MG	1	4136	1/1	0.94	0.10	40,40,40,40	0
84	OHX	sR	401	7/7	0.94	0.13	161,161,162,162	0
85	MG	1	3981	1/1	0.94	0.17	50,50,50,50	0
84	OHX	AR	3532	7/7	0.95	0.12	135,136,136,137	0
85	MG	AR	3773	1/1	0.95	0.26	41,41,41,41	0
85	MG	1	3938	1/1	0.95	0.07	34,34,34,34	0
85	MG	AR	3777	1/1	0.95	0.07	37,37,37,37	0
85	MG	AR	4256	1/1	0.95	0.32	49,49,49,49	0
85	MG	AR	3778	1/1	0.95	0.24	42,42,42,42	0
85	MG	AR	4258	1/1	0.95	0.23	34,34,34,34	0
84	OHX	AR	3533	7/7	0.95	0.18	111,111,111,111	0
85	MG	AR	4260	1/1	0.95	0.34	6,6,6,6	0
85	MG	1	3940	1/1	0.95	0.22	43,43,43,43	0
85	MG	AR	3781	1/1	0.95	0.15	23,23,23,23	0
85	MG	1	3789	1/1	0.95	0.19	42,42,42,42	0
85	MG	1	4108	1/1	0.95	0.07	42,42,42,42	0
84	OHX	4	208	7/7	0.95	0.23	106,106,106,106	0
84	OHX	1	3570	7/7	0.95	0.12	144,144,145,145	0
84	OHX	1	3549	7/7	0.95	0.17	120,120,120,120	0
85	MG	AR	3789	1/1	0.95	0.10	36,36,36,36	0
84	OHX	AR	3614	7/7	0.95	0.21	114,114,114,114	0
85	MG	AR	3791	1/1	0.95	0.15	34,34,34,34	0
85	MG	1	3794	1/1	0.95	0.20	34,34,34,34	0
84	OHX	1	3527	7/7	0.95	0.13	135,135,136,136	0
85	MG	AR	3794	1/1	0.95	0.13	34,34,34,34	0
85	MG	1	3796	1/1	0.95	0.26	18,18,18,18	0
85	MG	1	4118	1/1	0.95	0.09	43,43,43,43	0
85	MG	AR	4036	1/1	0.95	0.09	41,41,41,41	0
84	OHX	A	2024	7/7	0.95	0.13	151,152,153,153	0
85	MG	1	4120	1/1	0.95	0.42	27,27,27,27	0
84	OHX	1	3528	7/7	0.95	0.18	119,120,120,120	0
85	MG	1	3799	1/1	0.95	0.09	37,37,37,37	0
84	OHX	1	3462	7/7	0.95	0.18	119,120,120,120	0
85	MG	AR	3805	1/1	0.95	0.19	36,36,36,36	0
84	OHX	1	3576	7/7	0.95	0.14	131,131,132,132	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
85	MG	AR	3808	1/1	0.95	0.09	28,28,28,28	0
85	MG	1	4125	1/1	0.95	0.12	23,23,23,23	0
85	MG	1	4126	1/1	0.95	0.41	33,33,33,33	0
85	MG	AR	4049	1/1	0.95	0.14	50,50,50,50	0
84	OHX	1	3630	7/7	0.95	0.22	113,113,114,114	0
84	OHX	6	1981	7/7	0.95	0.15	139,140,140,140	0
85	MG	1	3961	1/1	0.95	0.10	40,40,40,40	0
85	MG	AR	4055	1/1	0.95	0.12	40,40,40,40	0
84	OHX	1	3473	7/7	0.95	0.13	114,115,115,115	0
84	OHX	6	1983	7/7	0.95	0.15	128,129,129,129	0
84	OHX	AR	3697	7/7	0.95	0.18	114,115,115,115	0
85	MG	1	4133	1/1	0.95	0.07	51,51,51,51	0
84	OHX	AR	3551	7/7	0.95	0.14	129,129,130,130	0
85	MG	CG	303	1/1	0.95	0.06	62,62,62,62	0
85	MG	AR	3823	1/1	0.95	0.18	39,39,39,39	0
85	MG	1	4135	1/1	0.95	0.21	51,51,51,51	0
85	MG	AR	3825	1/1	0.95	0.28	33,33,33,33	0
84	OHX	k	401	7/7	0.95	0.16	118,118,118,118	0
85	MG	AR	4065	1/1	0.95	0.09	31,31,31,31	0
85	MG	1	3809	1/1	0.95	0.29	39,39,39,39	0
84	OHX	1	3578	7/7	0.95	0.20	107,107,107,107	0
85	MG	1	4139	1/1	0.95	0.10	31,31,31,31	0
84	OHX	AR	3554	7/7	0.95	0.18	112,112,112,112	0
84	OHX	1	3579	7/7	0.95	0.17	119,120,120,120	0
85	MG	1	4144	1/1	0.95	0.07	53,53,53,53	0
85	MG	1	3974	1/1	0.95	0.18	28,28,28,28	0
85	MG	1	4146	1/1	0.95	0.10	48,48,48,48	0
85	MG	1	4147	1/1	0.95	0.14	48,48,48,48	0
84	OHX	A	1933	7/7	0.95	0.14	122,122,122,123	0
84	OHX	AR	3630	7/7	0.95	0.15	124,125,125,125	0
85	MG	AR	3839	1/1	0.95	0.21	33,33,33,33	0
84	OHX	v	301	7/7	0.95	0.19	113,113,114,114	0
85	MG	6	2100	1/1	0.95	0.25	36,36,36,36	0
84	OHX	A	1943	7/7	0.95	0.16	133,133,134,134	0
84	OHX	1	3607	7/7	0.95	0.14	122,122,122,122	0
84	OHX	1	3715	7/7	0.95	0.10	166,166,167,167	0
85	MG	DH	203	1/1	0.95	0.11	31,31,31,31	0
84	OHX	1	3580	7/7	0.95	0.16	115,116,116,116	0
85	MG	1	3821	1/1	0.95	0.32	66,66,66,66	0
85	MG	1	4157	1/1	0.95	0.28	60,60,60,60	0
84	OHX	A	1951	7/7	0.95	0.11	145,145,146,146	0
84	OHX	M	201	7/7	0.95	0.17	137,137,138,138	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3824	1/1	0.95	0.22	25,25,25,25	0
85	MG	AR	4093	1/1	0.95	0.12	46,46,46,46	0
85	MG	1	3825	1/1	0.95	0.36	31,31,31,31	0
85	MG	1	3827	1/1	0.95	0.29	32,32,32,32	0
84	OHX	1	3508	7/7	0.95	0.16	113,114,114,114	0
85	MG	1	3991	1/1	0.95	0.06	66,66,66,66	0
84	OHX	6	1902	7/7	0.95	0.37	136,136,137,137	0
84	OHX	T	201	7/7	0.95	0.16	145,146,146,147	0
84	OHX	A	1954	7/7	0.95	0.14	135,136,136,136	0
84	OHX	6	1905	7/7	0.95	0.29	132,133,133,134	0
84	OHX	A	1957	7/7	0.95	0.18	133,134,134,134	0
84	OHX	6	1907	7/7	0.95	0.30	135,136,136,137	0
85	MG	AR	4105	1/1	0.95	0.08	42,42,42,42	0
84	OHX	1	3555	7/7	0.95	0.17	111,111,112,112	0
85	MG	AR	3866	1/1	0.95	0.19	34,34,34,34	0
85	MG	1	3838	1/1	0.95	0.25	33,33,33,33	0
84	OHX	6	1921	7/7	0.95	0.14	141,141,142,143	0
85	MG	AR	3870	1/1	0.95	0.28	33,33,33,33	0
85	MG	AR	3873	1/1	0.95	0.25	31,31,31,31	0
85	MG	AR	4112	1/1	0.95	0.10	54,54,54,54	0
84	OHX	AR	3566	7/7	0.95	0.16	115,115,115,116	0
85	MG	1	3843	1/1	0.95	0.15	24,24,24,24	0
85	MG	AR	3876	1/1	0.95	0.22	27,27,27,27	0
85	MG	1	4179	1/1	0.95	0.21	38,38,38,38	0
85	MG	A	2067	1/1	0.95	0.44	64,64,64,64	0
85	MG	1	3844	1/1	0.95	0.19	28,28,28,28	0
85	MG	6	2128	1/1	0.95	0.25	47,47,47,47	0
85	MG	AR	4120	1/1	0.95	0.09	31,31,31,31	0
85	MG	AR	4121	1/1	0.95	0.09	27,27,27,27	0
85	MG	1	3845	1/1	0.95	0.24	18,18,18,18	0
84	OHX	AR	3642	7/7	0.95	0.16	122,122,122,122	0
84	OHX	6	1929	7/7	0.95	0.11	157,158,159,159	0
84	OHX	1	3510	7/7	0.95	0.19	111,111,111,111	0
84	OHX	1	3557	7/7	0.95	0.18	117,118,118,118	0
84	OHX	1	3487	7/7	0.95	0.16	115,115,116,116	0
84	OHX	A	1968	7/7	0.95	0.16	125,125,126,126	0
85	MG	AR	3892	1/1	0.95	0.17	31,31,31,31	0
84	OHX	6	1943	7/7	0.95	0.13	124,124,125,125	0
85	MG	1	3856	1/1	0.95	0.28	24,24,24,24	0
85	MG	1	4019	1/1	0.95	0.14	42,42,42,42	0
84	OHX	AR	3572	7/7	0.95	0.19	118,119,119,119	0
85	MG	1	3859	1/1	0.95	0.24	28,28,28,28	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	4136	1/1	0.95	0.13	36,36,36,36	0
85	MG	1	3730	1/1	0.95	0.22	36,36,36,36	0
85	MG	1	4025	1/1	0.95	0.19	32,32,32,32	0
84	OHX	6	1944	7/7	0.95	0.12	143,143,144,144	0
84	OHX	A	1973	7/7	0.95	0.12	167,168,169,169	0
84	OHX	AR	3574	7/7	0.95	0.19	112,113,113,113	0
85	MG	1	4208	1/1	0.95	0.22	37,37,37,37	0
85	MG	AR	4143	1/1	0.95	0.10	34,34,34,34	0
84	OHX	6	2003	7/7	0.95	0.16	126,126,127,127	0
84	OHX	A	1976	7/7	0.95	0.17	123,124,124,124	0
84	OHX	1	3480	7/7	0.95	0.14	119,119,119,120	0
85	MG	AR	3908	1/1	0.95	0.32	25,25,25,25	0
85	MG	1	3870	1/1	0.95	0.30	47,47,47,47	0
85	MG	A	2098	1/1	0.95	0.29	65,65,65,65	0
84	OHX	6	1947	7/7	0.95	0.14	121,122,122,122	0
85	MG	AR	4150	1/1	0.95	0.10	44,44,44,44	0
84	OHX	6	1949	7/7	0.95	0.12	135,136,136,136	0
84	OHX	AR	3430	7/7	0.95	0.16	107,107,107,107	0
84	OHX	AR	3460	7/7	0.95	0.15	112,112,112,112	0
85	MG	AR	3916	1/1	0.95	0.29	19,19,19,19	0
85	MG	1	4220	1/1	0.95	0.32	35,35,35,35	0
85	MG	1	4221	1/1	0.95	0.41	35,35,35,35	0
85	MG	AR	3921	1/1	0.95	0.21	38,38,38,38	0
84	OHX	AR	3467	7/7	0.95	0.15	108,109,109,109	0
84	OHX	1	3497	7/7	0.95	0.11	125,125,126,126	0
85	MG	6	2163	1/1	0.95	0.09	48,48,48,48	0
85	MG	1	3877	1/1	0.95	0.36	36,36,36,36	0
85	MG	AR	3928	1/1	0.95	0.26	39,39,39,39	0
85	MG	3	214	1/1	0.95	0.16	34,34,34,34	0
85	MG	6	2166	1/1	0.95	0.33	53,53,53,53	0
84	OHX	A	1984	7/7	0.95	0.14	130,130,131,131	0
84	OHX	6	1953	7/7	0.95	0.14	132,133,133,134	0
85	MG	1	3749	1/1	0.95	0.18	24,24,24,24	0
84	OHX	A	1986	7/7	0.95	0.13	168,169,170,170	0
84	OHX	A	1987	7/7	0.95	0.14	128,128,129,129	0
85	MG	6	2172	1/1	0.95	0.08	38,38,38,38	0
84	OHX	A	1988	7/7	0.95	0.13	139,140,141,141	0
85	MG	1	3890	1/1	0.95	0.35	34,34,34,34	0
84	OHX	6	1954	7/7	0.95	0.10	178,178,178,178	0
84	OHX	1	3562	7/7	0.95	0.14	121,121,121,121	0
85	MG	A	2125	1/1	0.95	0.31	56,56,56,56	0
84	OHX	6	1956	7/7	0.95	0.12	174,174,175,175	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	OHX	A	1992	7/7	0.95	0.15	140,141,142,142	0
85	MG	AR	3947	1/1	0.95	0.23	44,44,44,44	0
84	OHX	AR	3499	7/7	0.95	0.12	125,126,126,126	0
84	OHX	1	3697	7/7	0.95	0.13	119,119,120,120	0
84	OHX	AR	3502	7/7	0.95	0.18	113,114,114,114	0
85	MG	1	3901	1/1	0.95	0.32	39,39,39,39	0
84	OHX	AR	3503	7/7	0.95	0.15	120,120,121,121	0
84	OHX	3	204	7/7	0.95	0.12	124,125,125,125	0
85	MG	AR	3956	1/1	0.95	0.11	29,29,29,29	0
85	MG	1	4066	1/1	0.95	0.18	20,20,20,20	0
85	MG	AR	4197	1/1	0.95	0.10	35,35,35,35	0
84	OHX	AR	3511	7/7	0.95	0.17	108,108,108,108	0
85	MG	AR	3959	1/1	0.95	0.10	32,32,32,32	0
84	OHX	1	3498	7/7	0.95	0.16	115,116,116,116	0
85	MG	6	2190	1/1	0.95	0.28	66,66,66,66	0
84	OHX	AR	3515	7/7	0.95	0.18	113,113,114,114	0
84	OHX	6	1963	7/7	0.95	0.17	125,125,126,126	0
85	MG	1	3912	1/1	0.95	0.30	22,22,22,22	0
85	MG	1	3769	1/1	0.95	0.06	45,45,45,45	0
85	MG	AR	3967	1/1	0.95	0.25	42,42,42,42	0
85	MG	1	4075	1/1	0.95	0.14	41,41,41,41	0
85	MG	1	4076	1/1	0.95	0.15	64,64,64,64	0
84	OHX	AS	206	7/7	0.95	0.14	124,124,125,125	0
84	OHX	AR	3519	7/7	0.95	0.20	108,109,109,109	0
85	MG	AR	4211	1/1	0.95	0.13	73,73,73,73	0
84	OHX	1	3564	7/7	0.95	0.14	126,126,127,127	0
84	OHX	1	3521	7/7	0.95	0.19	116,117,117,117	0
85	MG	AB	203	1/1	0.95	0.29	32,32,32,32	0
85	MG	j	301	1/1	0.95	0.13	29,29,29,29	0
85	MG	AB	205	1/1	0.95	0.15	40,40,40,40	0
84	OHX	AR	3523	7/7	0.95	0.20	107,108,108,108	0
85	MG	AG	202	1/1	0.95	0.08	43,43,43,43	0
85	MG	l	402	1/1	0.95	0.13	57,57,57,57	0
85	MG	AP	503	1/1	0.95	0.13	27,27,27,27	0
85	MG	1	3922	1/1	0.95	0.30	45,45,45,45	0
84	OHX	AT	205	7/7	0.95	0.19	108,108,108,108	0
84	OHX	AT	206	7/7	0.95	0.15	123,124,124,124	0
85	MG	o	301	1/1	0.95	0.09	34,34,34,34	0
84	OHX	A	2010	7/7	0.95	0.13	157,158,158,159	0
85	MG	AR	4228	1/1	0.95	0.21	27,27,27,27	0
85	MG	AR	3752	1/1	0.95	0.17	37,37,37,37	0
84	OHX	1	3524	7/7	0.95	0.18	116,117,117,117	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	s8	302	1/1	0.95	0.20	51,51,51,51	0
84	OHX	1	3500	7/7	0.95	0.17	119,120,120,120	0
85	MG	AR	4232	1/1	0.95	0.18	28,28,28,28	0
85	MG	1	3780	1/1	0.95	0.15	17,17,17,17	0
85	MG	AR	3758	1/1	0.95	0.19	37,37,37,37	0
85	MG	d3	201	1/1	0.95	0.27	49,49,49,49	0
85	MG	t	203	1/1	0.95	0.14	29,29,29,29	0
84	OHX	1	3455	7/7	0.95	0.14	127,127,127,128	0
85	MG	1	3782	1/1	0.95	0.27	58,58,58,58	0
85	MG	1	4095	1/1	0.95	0.06	61,61,61,61	0
85	MG	AR	3763	1/1	0.95	0.27	17,17,17,17	0
86	HN8	AR	4263	22/22	0.95	0.13	27,27,27,27	22
85	MG	AR	4243	1/1	0.95	0.21	30,30,30,30	0
85	MG	AR	4004	1/1	0.95	0.08	32,32,32,32	0
84	OHX	4	206	7/7	0.95	0.14	116,116,116,116	0
84	OHX	AR	3530	7/7	0.95	0.18	112,113,113,113	0
85	MG	1	3934	1/1	0.95	0.32	54,54,54,54	0
84	OHX	4	207	7/7	0.95	0.17	118,119,119,119	0
85	MG	1	4102	1/1	0.95	0.15	57,57,57,57	0
85	MG	AR	4070	1/1	0.96	0.08	50,50,50,50	0
84	OHX	A	1936	7/7	0.96	0.14	126,127,127,128	0
84	OHX	AR	3542	7/7	0.96	0.10	152,152,152,153	0
84	OHX	A	1942	7/7	0.96	0.12	133,133,134,134	0
84	OHX	3	203	7/7	0.96	0.14	118,118,118,119	0
85	MG	AR	3871	1/1	0.96	0.25	28,28,28,28	0
84	OHX	1	3560	7/7	0.96	0.15	111,112,112,112	0
85	MG	4	219	1/1	0.96	0.35	42,42,42,42	0
84	OHX	1	3502	7/7	0.96	0.18	114,114,114,114	0
84	OHX	AR	3625	7/7	0.96	0.12	134,134,134,134	0
84	OHX	A	1949	7/7	0.96	0.11	148,149,149,149	0
85	MG	AR	4081	1/1	0.96	0.15	55,55,55,55	0
85	MG	4	223	1/1	0.96	0.28	27,27,27,27	0
85	MG	1	3817	1/1	0.96	0.16	23,23,23,23	0
84	OHX	A	1950	7/7	0.96	0.14	127,128,128,128	0
84	OHX	1	3533	7/7	0.96	0.11	149,149,150,150	0
85	MG	CE	403	1/1	0.96	0.28	22,22,22,22	0
84	OHX	AR	3547	7/7	0.96	0.18	116,116,116,117	0
84	OHX	6	1945	7/7	0.96	0.14	126,127,127,128	0
84	OHX	AR	3629	7/7	0.96	0.11	141,141,141,142	0
84	OHX	A	1955	7/7	0.96	0.10	145,146,147,147	0
85	MG	1	4100	1/1	0.96	0.09	53,53,53,53	0
84	OHX	1	3451	7/7	0.96	0.16	111,111,111,111	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3957	1/1	0.96	0.16	37,37,37,37	0
85	MG	CJ	301	1/1	0.96	0.27	78,78,78,78	0
85	MG	CK	202	1/1	0.96	0.06	44,44,44,44	0
84	OHX	AR	3550	7/7	0.96	0.19	107,107,107,107	0
84	OHX	1	3505	7/7	0.96	0.18	116,116,117,117	0
85	MG	AR	4096	1/1	0.96	0.21	54,54,54,54	0
84	OHX	1	3506	7/7	0.96	0.15	109,109,110,110	0
84	OHX	1	3538	7/7	0.96	0.13	125,125,125,126	0
85	MG	CP	503	1/1	0.96	0.15	38,38,38,38	0
84	OHX	6	1952	7/7	0.96	0.10	148,148,148,148	0
84	OHX	4	204	7/7	0.96	0.18	108,108,108,108	0
85	MG	1	3833	1/1	0.96	0.32	24,24,24,24	0
84	OHX	4	205	7/7	0.96	0.17	106,106,106,106	0
85	MG	j	302	1/1	0.96	0.07	35,35,35,35	0
84	OHX	1	3431	7/7	0.96	0.25	114,114,114,114	0
85	MG	k	403	1/1	0.96	0.12	30,30,30,30	0
85	MG	CR	204	1/1	0.96	0.08	46,46,46,46	0
85	MG	CR	205	1/1	0.96	0.13	31,31,31,31	0
85	MG	k	404	1/1	0.96	0.34	32,32,32,32	0
85	MG	CX	203	1/1	0.96	0.23	19,19,19,19	0
85	MG	1	3970	1/1	0.96	0.18	31,31,31,31	0
85	MG	AR	3907	1/1	0.96	0.29	25,25,25,25	0
84	OHX	1	3458	7/7	0.96	0.14	116,116,116,117	0
84	OHX	6	1957	7/7	0.96	0.11	129,130,130,131	0
85	MG	AR	3910	1/1	0.96	0.15	23,23,23,23	0
85	MG	AR	3911	1/1	0.96	0.24	40,40,40,40	0
84	OHX	AR	3401	7/7	0.96	0.41	121,121,121,122	0
85	MG	DH	202	1/1	0.96	0.20	40,40,40,40	0
85	MG	1	4117	1/1	0.96	0.09	41,41,41,41	0
85	MG	1	3840	1/1	0.96	0.13	78,78,78,78	0
84	OHX	AR	3405	7/7	0.96	0.35	119,119,120,120	0
84	OHX	AR	3427	7/7	0.96	0.24	110,110,111,111	0
85	MG	DQ	203	1/1	0.96	0.13	45,45,45,45	0
84	OHX	6	1958	7/7	0.96	0.14	126,127,127,127	0
85	MG	AR	3918	1/1	0.96	0.25	27,27,27,27	0
84	OHX	A	1972	7/7	0.96	0.10	148,148,148,148	0
85	MG	AR	3920	1/1	0.96	0.26	27,27,27,27	0
84	OHX	AR	3441	7/7	0.96	0.13	116,117,117,117	0
84	OHX	AR	3456	7/7	0.96	0.15	117,117,117,117	0
84	OHX	1	3460	7/7	0.96	0.13	118,118,118,119	0
84	OHX	AR	3463	7/7	0.96	0.14	110,110,111,111	0
85	MG	AR	3925	1/1	0.96	0.23	34,34,34,34	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3850	1/1	0.96	0.21	31,31,31,31	0
84	OHX	1	3542	7/7	0.96	0.16	119,119,120,120	0
85	MG	AB	207	1/1	0.96	0.09	34,34,34,34	0
85	MG	AF	201	1/1	0.96	0.27	41,41,41,41	0
84	OHX	AR	3471	7/7	0.96	0.16	109,109,109,109	0
84	OHX	AR	3731	7/7	0.96	0.17	117,117,117,117	0
85	MG	1	3854	1/1	0.96	0.35	34,34,34,34	0
85	MG	AK	103	1/1	0.96	0.20	36,36,36,36	0
84	OHX	1	3511	7/7	0.96	0.15	109,109,109,109	0
84	OHX	AR	3473	7/7	0.96	0.11	111,111,112,112	0
85	MG	1	3992	1/1	0.96	0.07	40,40,40,40	0
84	OHX	1	3573	7/7	0.96	0.14	131,131,132,132	0
85	MG	1	3858	1/1	0.96	0.19	25,25,25,25	0
85	MG	6	2057	1/1	0.96	0.31	51,51,51,51	0
85	MG	AR	3751	1/1	0.96	0.16	36,36,36,36	0
84	OHX	AR	3476	7/7	0.96	0.15	109,109,109,109	0
84	OHX	AR	3477	7/7	0.96	0.14	112,112,113,113	0
84	OHX	AR	3479	7/7	0.96	0.15	110,110,110,110	0
85	MG	AR	3755	1/1	0.96	0.21	56,56,56,56	0
85	MG	1	3862	1/1	0.96	0.24	52,52,52,52	0
84	OHX	AR	3480	7/7	0.96	0.15	113,114,114,114	0
85	MG	AR	3952	1/1	0.96	0.23	28,28,28,28	0
85	MG	1	4142	1/1	0.96	0.17	38,38,38,38	0
84	OHX	AR	3483	7/7	0.96	0.15	111,111,111,111	0
84	OHX	AR	3484	7/7	0.96	0.14	114,114,114,114	0
85	MG	1	3866	1/1	0.96	0.09	34,34,34,34	0
84	OHX	AR	3490	7/7	0.96	0.16	112,112,112,113	0
85	MG	AR	3764	1/1	0.96	0.12	33,33,33,33	0
84	OHX	AR	3492	7/7	0.96	0.13	116,116,117,117	0
85	MG	AR	3961	1/1	0.96	0.24	43,43,43,43	0
84	OHX	1	3513	7/7	0.96	0.17	113,113,114,114	0
85	MG	1	4007	1/1	0.96	0.16	29,29,29,29	0
85	MG	1	4008	1/1	0.96	0.10	37,37,37,37	0
84	OHX	6	1965	7/7	0.96	0.16	116,117,117,117	0
85	MG	1	4153	1/1	0.96	0.07	39,39,39,39	0
85	MG	AR	4164	1/1	0.96	0.09	41,41,41,41	0
84	OHX	1	3438	7/7	0.96	0.21	117,117,117,117	0
85	MG	1	4011	1/1	0.96	0.14	44,44,44,44	0
84	OHX	AR	3496	7/7	0.96	0.17	112,113,113,113	0
84	OHX	AS	207	7/7	0.96	0.13	122,122,122,123	0
85	MG	AR	3972	1/1	0.96	0.20	39,39,39,39	0
85	MG	6	2078	1/1	0.96	0.27	42,42,42,42	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	OHX	6	1967	7/7	0.96	0.15	126,127,127,127	0
84	OHX	1	3515	7/7	0.96	0.18	110,110,110,110	0
85	MG	AR	4176	1/1	0.96	0.05	33,33,33,33	0
85	MG	AR	4177	1/1	0.96	0.22	32,32,32,32	0
84	OHX	1	3466	7/7	0.96	0.14	114,115,115,115	0
84	OHX	1	3548	7/7	0.96	0.13	134,134,134,134	0
85	MG	1	4018	1/1	0.96	0.15	38,38,38,38	0
85	MG	1	3768	1/1	0.96	0.18	36,36,36,36	0
85	MG	AR	3787	1/1	0.96	0.31	31,31,31,31	0
85	MG	1	4164	1/1	0.96	0.12	58,58,58,58	0
85	MG	AR	3982	1/1	0.96	0.15	53,53,53,53	0
85	MG	AR	3983	1/1	0.96	0.05	33,33,33,33	0
84	OHX	AT	203	7/7	0.96	0.14	117,117,117,117	0
85	MG	AR	3985	1/1	0.96	0.25	35,35,35,35	0
85	MG	1	3881	1/1	0.96	0.23	31,31,31,31	0
85	MG	AR	3987	1/1	0.96	0.20	31,31,31,31	0
85	MG	6	2089	1/1	0.96	0.28	44,44,44,44	0
85	MG	AR	3989	1/1	0.96	0.20	44,44,44,44	0
85	MG	1	3882	1/1	0.96	0.29	32,32,32,32	0
85	MG	1	4024	1/1	0.96	0.08	61,61,61,61	0
85	MG	1	3883	1/1	0.96	0.24	22,22,22,22	0
84	OHX	AT	204	7/7	0.96	0.16	105,105,105,106	0
85	MG	1	3885	1/1	0.96	0.24	20,20,20,20	0
84	OHX	1	3518	7/7	0.96	0.19	109,110,110,110	0
85	MG	AR	3800	1/1	0.96	0.28	33,33,33,33	0
84	OHX	1	3490	7/7	0.96	0.14	113,113,113,113	0
84	OHX	1	3492	7/7	0.96	0.14	117,118,118,118	0
84	OHX	AR	3513	7/7	0.96	0.09	150,151,151,151	0
84	OHX	AR	3514	7/7	0.96	0.15	112,112,112,113	0
85	MG	1	4177	1/1	0.96	0.22	27,27,27,27	0
84	OHX	1	3493	7/7	0.96	0.15	115,116,116,116	0
84	OHX	AR	3516	7/7	0.96	0.15	112,112,112,112	0
84	OHX	1	3522	7/7	0.96	0.16	120,121,121,121	0
85	MG	AR	4212	1/1	0.96	0.07	31,31,31,31	0
84	OHX	AR	3518	7/7	0.96	0.12	118,119,119,119	0
85	MG	AR	4007	1/1	0.96	0.11	29,29,29,29	0
84	OHX	1	3469	7/7	0.96	0.14	117,117,118,118	0
85	MG	A	2129	1/1	0.96	0.16	57,57,57,57	0
85	MG	1	4185	1/1	0.96	0.24	27,27,27,27	0
85	MG	AR	4010	1/1	0.96	0.11	30,30,30,30	0
84	OHX	1	3585	7/7	0.96	0.16	115,115,116,116	0
84	OHX	1	3618	7/7	0.96	0.08	190,190,190,190	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	4188	1/1	0.96	0.20	28,28,28,28	0
85	MG	1	4189	1/1	0.96	0.24	27,27,27,27	0
85	MG	AR	3818	1/1	0.96	0.25	37,37,37,37	0
85	MG	AR	3819	1/1	0.96	0.24	37,37,37,37	0
85	MG	AR	3820	1/1	0.96	0.21	43,43,43,43	0
85	MG	1	3783	1/1	0.96	0.21	18,18,18,18	0
85	MG	1	4191	1/1	0.96	0.23	29,29,29,29	0
85	MG	1	3905	1/1	0.96	0.43	38,38,38,38	0
84	OHX	AR	3522	7/7	0.96	0.15	114,114,115,115	0
84	OHX	1	3471	7/7	0.96	0.16	112,112,113,113	0
85	MG	AR	3826	1/1	0.96	0.17	23,23,23,23	0
84	OHX	1	3587	7/7	0.96	0.13	133,133,133,134	0
85	MG	1	4047	1/1	0.96	0.11	57,57,57,57	0
85	MG	1	4199	1/1	0.96	0.30	24,24,24,24	0
85	MG	1	4048	1/1	0.96	0.32	33,33,33,33	0
84	OHX	1	3499	7/7	0.96	0.17	111,111,111,111	0
85	MG	1	3911	1/1	0.96	0.30	21,21,21,21	0
85	MG	1	4204	1/1	0.96	0.26	34,34,34,34	0
85	MG	AR	4033	1/1	0.96	0.07	40,40,40,40	0
85	MG	AR	4242	1/1	0.96	0.34	35,35,35,35	0
84	OHX	6	1909	7/7	0.96	0.21	137,138,138,139	0
84	OHX	6	1914	7/7	0.96	0.20	133,133,134,134	0
85	MG	6	2126	1/1	0.96	0.15	53,53,53,53	0
84	OHX	AR	3609	7/7	0.96	0.21	107,107,107,107	0
85	MG	AR	4247	1/1	0.96	0.24	22,22,22,22	0
85	MG	AR	4038	1/1	0.96	0.18	35,35,35,35	0
85	MG	AR	4249	1/1	0.96	0.27	24,24,24,24	0
85	MG	1	3916	1/1	0.96	0.12	26,26,26,26	0
84	OHX	1	3446	7/7	0.96	0.14	116,116,116,116	0
84	OHX	1	3590	7/7	0.96	0.13	137,138,138,138	0
85	MG	6	2131	1/1	0.96	0.16	44,44,44,44	0
84	OHX	6	1925	7/7	0.96	0.15	122,122,122,123	0
84	OHX	6	1927	7/7	0.96	0.14	124,124,125,125	0
85	MG	1	4214	1/1	0.96	0.29	43,43,43,43	0
84	OHX	AR	3534	7/7	0.96	0.17	109,109,109,109	0
85	MG	AR	3847	1/1	0.96	0.09	38,38,38,38	0
85	MG	AR	3848	1/1	0.96	0.19	31,31,31,31	0
84	OHX	A	1903	7/7	0.96	0.32	149,149,150,150	0
84	OHX	A	1909	7/7	0.96	0.12	151,151,152,153	0
85	MG	1	4068	1/1	0.96	0.19	42,42,42,42	0
84	OHX	A	1913	7/7	0.96	0.19	126,126,127,127	0
84	OHX	1	3476	7/7	0.96	0.17	111,111,111,112	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
84	OHX	6	1931	7/7	0.96	0.14	115,116,116,116	0
85	MG	d4	201	1/1	0.96	0.14	53,53,53,53	0
84	OHX	A	1926	7/7	0.96	0.12	127,127,127,128	0
84	OHX	1	3530	7/7	0.96	0.13	138,138,139,139	0
85	MG	3	213	1/1	0.96	0.40	48,48,48,48	0
84	OHX	A	1928	7/7	0.96	0.14	125,126,126,126	0
84	OHX	A	1930	7/7	0.96	0.15	122,122,123,123	0
84	OHX	6	1934	7/7	0.96	0.11	139,139,140,140	0
85	MG	AR	3861	1/1	0.96	0.14	30,30,30,30	0
84	OHX	AR	3540	7/7	0.96	0.19	108,108,108,108	0
85	MG	6	2151	1/1	0.96	0.09	60,60,60,60	0
85	MG	AS	227	1/1	0.96	0.07	45,45,45,45	0
84	OHX	A	1934	7/7	0.96	0.11	132,132,133,133	0
84	OHX	6	1938	7/7	0.96	0.11	130,131,131,131	0
84	OHX	AR	3402	7/7	0.97	0.40	113,113,113,113	0
84	OHX	AR	3403	7/7	0.97	0.22	110,110,110,110	0
84	OHX	AR	3404	7/7	0.97	0.32	112,112,112,112	0
84	OHX	6	1935	7/7	0.97	0.13	121,121,121,122	0
85	MG	1	3967	1/1	0.97	0.08	38,38,38,38	0
85	MG	1	3968	1/1	0.97	0.14	29,29,29,29	0
85	MG	x	209	1/1	0.97	0.29	39,39,39,39	0
85	MG	AR	3927	1/1	0.97	0.23	35,35,35,35	0
85	MG	z	202	1/1	0.97	0.07	59,59,59,59	0
85	MG	AR	3929	1/1	0.97	0.24	25,25,25,25	0
85	MG	AR	4115	1/1	0.97	0.11	46,46,46,46	0
84	OHX	AR	3406	7/7	0.97	0.34	112,112,113,113	0
84	OHX	AR	3411	7/7	0.97	0.28	106,106,106,106	0
84	OHX	AR	3413	7/7	0.97	0.24	107,107,107,107	0
84	OHX	AR	3415	7/7	0.97	0.31	109,109,110,110	0
84	OHX	AR	3416	7/7	0.97	0.22	114,114,115,115	0
84	OHX	AR	3423	7/7	0.97	0.24	110,111,111,111	0
84	OHX	6	1936	7/7	0.97	0.13	116,116,117,117	0
85	MG	CQ	203	1/1	0.97	0.07	34,34,34,34	0
85	MG	AR	3937	1/1	0.97	0.29	27,27,27,27	0
85	MG	1	3826	1/1	0.97	0.21	33,33,33,33	0
84	OHX	CE	401	7/7	0.97	0.12	114,114,115,115	0
84	OHX	6	1937	7/7	0.97	0.11	119,120,120,120	0
84	OHX	AR	3432	7/7	0.97	0.20	117,117,117,118	0
84	OHX	AR	3433	7/7	0.97	0.17	110,110,110,111	0
84	OHX	AR	3435	7/7	0.97	0.17	112,113,113,113	0
84	OHX	AR	3436	7/7	0.97	0.18	109,109,109,109	0
84	OHX	AR	3439	7/7	0.97	0.20	119,120,120,120	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
84	OHX	1	3477	7/7	0.97	0.15	109,109,109,109	0
84	OHX	AR	3442	7/7	0.97	0.16	112,112,112,112	0
85	MG	AR	3768	1/1	0.97	0.09	39,39,39,39	0
85	MG	1	4143	1/1	0.97	0.13	29,29,29,29	0
84	OHX	AR	3444	7/7	0.97	0.13	112,112,112,112	0
84	OHX	AR	3445	7/7	0.97	0.14	107,107,107,107	0
84	OHX	AR	3447	7/7	0.97	0.17	112,112,112,112	0
85	MG	AR	3775	1/1	0.97	0.13	22,22,22,22	0
84	OHX	A	1901	7/7	0.97	0.32	127,127,127,128	0
84	OHX	AR	3450	7/7	0.97	0.13	127,127,127,128	0
85	MG	DO	202	1/1	0.97	0.14	42,42,42,42	0
84	OHX	A	1904	7/7	0.97	0.21	133,134,134,134	0
84	OHX	A	1908	7/7	0.97	0.19	141,142,143,143	0
84	OHX	AR	3453	7/7	0.97	0.10	106,106,107,107	0
85	MG	6	2079	1/1	0.97	0.16	45,45,45,45	0
84	OHX	A	1910	7/7	0.97	0.17	138,139,139,140	0
84	OHX	A	1911	7/7	0.97	0.18	139,140,141,141	0
84	OHX	A	1912	7/7	0.97	0.17	137,137,138,138	0
85	MG	1	3999	1/1	0.97	0.12	41,41,41,41	0
85	MG	AR	3786	1/1	0.97	0.21	25,25,25,25	0
84	OHX	AR	3455	7/7	0.97	0.13	111,112,112,112	0
85	MG	AR	3969	1/1	0.97	0.14	60,60,60,60	0
84	OHX	6	1939	7/7	0.97	0.11	131,132,132,133	0
84	OHX	A	1916	7/7	0.97	0.14	136,137,137,138	0
84	OHX	AR	3459	7/7	0.97	0.19	114,114,115,115	0
84	OHX	A	1921	7/7	0.97	0.14	142,143,144,144	0
84	OHX	A	1924	7/7	0.97	0.11	132,132,133,133	0
84	OHX	1	3434	7/7	0.97	0.22	126,127,127,127	0
84	OHX	1	3435	7/7	0.97	0.18	114,114,114,114	0
84	OHX	AR	3464	7/7	0.97	0.13	106,106,106,106	0
84	OHX	A	1929	7/7	0.97	0.12	123,123,124,124	0
84	OHX	AR	3466	7/7	0.97	0.12	120,120,121,121	0
84	OHX	A	1931	7/7	0.97	0.10	139,140,140,140	0
84	OHX	AR	3578	7/7	0.97	0.15	109,109,110,110	0
85	MG	6	2097	1/1	0.97	0.38	46,46,46,46	0
84	OHX	1	3482	7/7	0.97	0.13	117,117,117,117	0
85	MG	AR	4168	1/1	0.97	0.09	65,65,65,65	0
84	OHX	AR	3469	7/7	0.97	0.10	121,122,122,122	0
84	OHX	1	3436	7/7	0.97	0.22	115,115,115,115	0
85	MG	AR	3806	1/1	0.97	0.09	57,57,57,57	0
84	OHX	1	3523	7/7	0.97	0.10	119,119,120,120	0
84	OHX	A	1937	7/7	0.97	0.11	153,154,155,155	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3868	1/1	0.97	0.32	29,29,29,29	0
85	MG	AR	3810	1/1	0.97	0.21	27,27,27,27	0
84	OHX	A	1940	7/7	0.97	0.11	137,138,138,139	0
85	MG	1	4020	1/1	0.97	0.07	34,34,34,34	0
84	OHX	1	3402	7/7	0.97	0.37	114,115,115,115	0
84	OHX	1	3486	7/7	0.97	0.12	116,117,117,117	0
84	OHX	6	1948	7/7	0.97	0.11	127,128,128,128	0
84	OHX	A	1944	7/7	0.97	0.10	138,139,139,140	0
84	OHX	4	201	7/7	0.97	0.29	108,108,108,108	0
84	OHX	AR	3478	7/7	0.97	0.12	110,110,110,111	0
84	OHX	1	3440	7/7	0.97	0.17	110,110,111,111	0
84	OHX	A	1948	7/7	0.97	0.09	139,140,140,140	0
84	OHX	AR	3589	7/7	0.97	0.15	109,110,110,110	0
85	MG	AR	4190	1/1	0.97	0.05	30,30,30,30	0
84	OHX	6	1951	7/7	0.97	0.10	134,134,135,135	0
85	MG	1	3745	1/1	0.97	0.25	31,31,31,31	0
85	MG	AR	4195	1/1	0.97	0.09	63,63,63,63	0
84	OHX	AR	3481	7/7	0.97	0.14	106,106,107,107	0
84	OHX	AR	3696	7/7	0.97	0.12	112,113,113,113	0
84	OHX	1	3568	7/7	0.97	0.13	115,116,116,116	0
84	OHX	1	3443	7/7	0.97	0.17	119,120,120,120	0
84	OHX	AR	3486	7/7	0.97	0.14	111,111,111,111	0
85	MG	1	3886	1/1	0.97	0.23	21,21,21,21	0
85	MG	1	4196	1/1	0.97	0.24	30,30,30,30	0
84	OHX	AR	3487	7/7	0.97	0.13	107,107,107,107	0
84	OHX	AR	3488	7/7	0.97	0.11	118,118,119,119	0
84	OHX	1	3489	7/7	0.97	0.12	113,113,114,114	0
84	OHX	1	3529	7/7	0.97	0.13	115,115,115,116	0
85	MG	1	4043	1/1	0.97	0.17	27,27,27,27	0
85	MG	1	3756	1/1	0.97	0.11	32,32,32,32	0
84	OHX	1	3445	7/7	0.97	0.16	111,112,112,112	0
84	OHX	1	3491	7/7	0.97	0.12	120,120,121,121	0
84	OHX	1	3532	7/7	0.97	0.08	159,159,159,159	0
84	OHX	6	1959	7/7	0.97	0.11	137,138,138,139	0
85	MG	1	4049	1/1	0.97	0.08	32,32,32,32	0
85	MG	1	4050	1/1	0.97	0.07	31,31,31,31	0
84	OHX	AR	3497	7/7	0.97	0.10	124,125,125,126	0
85	MG	1	4052	1/1	0.97	0.18	21,21,21,21	0
84	OHX	AR	3498	7/7	0.97	0.09	123,123,123,124	0
84	OHX	1	3403	7/7	0.97	0.28	113,113,113,114	0
84	OHX	AR	3500	7/7	0.97	0.11	115,115,115,115	0
84	OHX	1	3404	7/7	0.97	0.32	120,120,121,121	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	4031	1/1	0.97	0.19	39,39,39,39	0
84	OHX	1	3495	7/7	0.97	0.12	114,115,115,115	0
84	OHX	1	3496	7/7	0.97	0.11	115,115,115,115	0
84	OHX	AR	3504	7/7	0.97	0.13	110,110,110,110	0
85	MG	1	4222	1/1	0.97	0.31	13,13,13,13	0
85	MG	AR	4226	1/1	0.97	0.21	24,24,24,24	0
84	OHX	AR	3505	7/7	0.97	0.16	114,114,115,115	0
85	MG	1	3910	1/1	0.97	0.24	19,19,19,19	0
84	OHX	1	3452	7/7	0.97	0.12	109,109,109,109	0
84	OHX	AR	3509	7/7	0.97	0.15	106,106,106,106	0
84	OHX	AR	3510	7/7	0.97	0.12	117,118,118,118	0
85	MG	1	4067	1/1	0.97	0.08	40,40,40,40	0
84	OHX	1	3453	7/7	0.97	0.11	120,120,120,120	0
85	MG	AR	4043	1/1	0.97	0.06	37,37,37,37	0
84	OHX	1	3405	7/7	0.97	0.38	124,125,125,125	0
85	MG	AR	4236	1/1	0.97	0.27	23,23,23,23	0
84	OHX	1	3456	7/7	0.97	0.14	111,111,111,111	0
85	MG	1	3918	1/1	0.97	0.07	31,31,31,31	0
84	OHX	1	3409	7/7	0.97	0.27	116,116,117,117	0
84	OHX	1	3459	7/7	0.97	0.12	108,108,108,108	0
84	OHX	1	3414	7/7	0.97	0.24	109,109,109,109	0
85	MG	AR	3867	1/1	0.97	0.26	18,18,18,18	0
84	OHX	1	3504	7/7	0.97	0.10	127,127,127,128	0
84	OHX	1	3415	7/7	0.97	0.31	123,124,124,124	0
85	MG	AR	4054	1/1	0.97	0.09	55,55,55,55	0
84	OHX	1	3420	7/7	0.97	0.25	118,118,118,118	0
85	MG	1	4078	1/1	0.97	0.14	24,24,24,24	0
85	MG	AR	3872	1/1	0.97	0.28	43,43,43,43	0
84	OHX	6	1901	7/7	0.97	0.36	119,120,120,120	0
84	OHX	1	3428	7/7	0.97	0.24	126,126,127,127	0
84	OHX	6	1904	7/7	0.97	0.24	124,124,124,125	0
84	OHX	1	3470	7/7	0.97	0.14	115,115,115,115	0
84	OHX	1	3509	7/7	0.97	0.12	119,120,120,120	0
84	OHX	AR	3525	7/7	0.97	0.12	119,119,120,120	0
84	OHX	6	1908	7/7	0.97	0.24	120,120,121,121	0
85	MG	1	4086	1/1	0.97	0.09	32,32,32,32	0
85	MG	AR	4066	1/1	0.97	0.11	56,56,56,56	0
84	OHX	1	3430	7/7	0.97	0.13	110,110,110,110	0
85	MG	AR	3884	1/1	0.97	0.27	22,22,22,22	0
84	OHX	6	1911	7/7	0.97	0.20	134,135,135,135	0
85	MG	1	4090	1/1	0.97	0.15	42,42,42,42	0
85	MG	AR	3887	1/1	0.97	0.21	21,21,21,21	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	3888	1/1	0.97	0.23	24,24,24,24	0
85	MG	1	3935	1/1	0.97	0.22	47,47,47,47	0
84	OHX	AR	3529	7/7	0.97	0.17	108,109,109,109	0
84	OHX	1	3472	7/7	0.97	0.12	110,111,111,111	0
85	MG	6	2179	1/1	0.97	0.28	43,43,43,43	0
84	OHX	6	1917	7/7	0.97	0.15	131,131,132,132	0
84	OHX	6	1918	7/7	0.97	0.12	116,117,117,117	0
85	MG	AS	222	1/1	0.97	0.21	44,44,44,44	0
84	OHX	1	3512	7/7	0.97	0.19	110,110,110,110	0
85	MG	1	4097	1/1	0.97	0.11	70,70,70,70	0
84	OHX	6	1920	7/7	0.97	0.10	133,133,134,134	0
84	OHX	AR	3535	7/7	0.97	0.12	114,115,115,115	0
84	OHX	1	3401	7/7	0.97	0.40	114,114,115,115	0
84	OHX	AS	202	7/7	0.97	0.10	124,124,125,125	0
84	OHX	AS	203	7/7	0.97	0.11	116,116,116,116	0
85	MG	1	3947	1/1	0.97	0.10	26,26,26,26	0
84	OHX	AS	204	7/7	0.97	0.12	113,113,113,113	0
84	OHX	AS	205	7/7	0.97	0.14	113,113,114,114	0
84	OHX	6	1924	7/7	0.97	0.09	134,135,135,135	0
84	OHX	A	2008	7/7	0.97	0.13	132,132,133,133	0
84	OHX	1	3474	7/7	0.97	0.14	122,122,123,123	0
84	OHX	1	3475	7/7	0.97	0.12	117,117,118,118	0
84	OHX	6	1928	7/7	0.97	0.11	126,126,127,127	0
85	MG	r	302	1/1	0.97	0.14	37,37,37,37	0
84	OHX	1	3516	7/7	0.97	0.12	116,117,117,117	0
85	MG	1	3956	1/1	0.97	0.10	34,34,34,34	0
84	OHX	1	3433	7/7	0.97	0.19	118,119,119,119	0
84	OHX	1	3682	7/7	0.97	0.15	110,110,111,111	0
85	MG	AT	230	1/1	0.97	0.19	39,39,39,39	0
84	OHX	6	1933	7/7	0.97	0.12	116,116,117,117	0
85	MG	AB	206	1/1	0.97	0.20	26,26,26,26	0
85	MG	1	3960	1/1	0.97	0.07	33,33,33,33	0
84	OHX	AP	502	7/7	0.97	0.15	112,113,113,113	0
84	OHX	3	201	7/7	0.97	0.13	121,121,121,122	0
88	ZN	g	501	1/1	0.97	0.07	119,119,119,119	0
85	MG	CE	405	1/1	0.97	0.34	26,26,26,26	0
88	ZN	e1	501	1/1	0.97	0.05	153,153,153,153	0
85	MG	6	2055	1/1	0.98	0.32	49,49,49,49	0
84	OHX	AR	3482	7/7	0.98	0.10	111,112,112,112	0
84	OHX	1	3478	7/7	0.98	0.10	125,125,125,126	0
84	OHX	1	3479	7/7	0.98	0.09	108,109,109,109	0
84	OHX	AR	3485	7/7	0.98	0.09	114,114,115,115	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AR	3878	1/1	0.98	0.17	31,31,31,31	0
85	MG	AR	3879	1/1	0.98	0.26	22,22,22,22	0
84	OHX	1	3406	7/7	0.98	0.30	108,108,108,108	0
84	OHX	AC	101	7/7	0.98	0.26	114,115,115,115	0
85	MG	AR	4186	1/1	0.98	0.05	33,33,33,33	0
84	OHX	1	3444	7/7	0.98	0.16	116,116,117,117	0
84	OHX	1	3421	7/7	0.98	0.27	115,115,116,116	0
84	OHX	AR	3491	7/7	0.98	0.13	108,108,109,109	0
84	OHX	1	3422	7/7	0.98	0.21	116,116,117,117	0
85	MG	AR	4192	1/1	0.98	0.16	29,29,29,29	0
84	OHX	1	3484	7/7	0.98	0.09	125,126,126,126	0
84	OHX	2	201	7/7	0.98	0.25	119,119,120,120	0
84	OHX	1	3448	7/7	0.98	0.13	117,117,117,117	0
84	OHX	1	3449	7/7	0.98	0.16	117,117,118,118	0
84	OHX	6	1903	7/7	0.98	0.28	117,118,118,118	0
84	OHX	1	3450	7/7	0.98	0.09	121,122,122,123	0
84	OHX	1	3423	7/7	0.98	0.23	120,120,121,121	0
84	OHX	6	1906	7/7	0.98	0.24	122,123,123,124	0
84	OHX	AR	3407	7/7	0.98	0.28	113,113,113,113	0
84	OHX	CV	201	7/7	0.98	0.28	117,117,117,117	0
84	OHX	CX	201	7/7	0.98	0.10	116,116,116,116	0
85	MG	1	4178	1/1	0.98	0.15	28,28,28,28	0
84	OHX	AR	3408	7/7	0.98	0.26	107,107,107,107	0
84	OHX	DD	101	7/7	0.98	0.23	113,114,114,114	0
84	OHX	AR	3409	7/7	0.98	0.33	120,120,120,121	0
84	OHX	DQ	201	7/7	0.98	0.13	111,111,111,111	0
84	OHX	AR	3410	7/7	0.98	0.26	109,109,109,110	0
85	MG	AR	4053	1/1	0.98	0.22	30,30,30,30	0
84	OHX	A	1902	7/7	0.98	0.23	122,122,123,123	0
85	MG	AR	3757	1/1	0.98	0.18	31,31,31,31	0
84	OHX	1	3424	7/7	0.98	0.18	115,115,115,115	0
84	OHX	AR	3412	7/7	0.98	0.22	109,109,109,109	0
85	MG	1	3929	1/1	0.98	0.17	34,34,34,34	0
84	OHX	A	1905	7/7	0.98	0.23	128,129,129,129	0
84	OHX	A	1906	7/7	0.98	0.18	142,143,143,143	0
84	OHX	A	1907	7/7	0.98	0.14	133,134,134,134	0
84	OHX	AR	3507	7/7	0.98	0.09	123,123,123,123	0
84	OHX	AR	3508	7/7	0.98	0.15	109,109,109,109	0
85	MG	1	4062	1/1	0.98	0.14	45,45,45,45	0
84	OHX	1	3425	7/7	0.98	0.20	108,109,109,109	0
84	OHX	AR	3414	7/7	0.98	0.24	113,113,114,114	0
85	MG	1	4197	1/1	0.98	0.19	32,32,32,32	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
84	OHX	1	3454	7/7	0.98	0.10	111,111,111,111	0
84	OHX	6	1910	7/7	0.98	0.23	119,120,120,120	0
84	OHX	A	1914	7/7	0.98	0.13	126,127,127,127	0
84	OHX	AR	3417	7/7	0.98	0.17	111,112,112,112	0
85	MG	1	4202	1/1	0.98	0.21	19,19,19,19	0
84	OHX	AR	3418	7/7	0.98	0.23	116,116,117,117	0
84	OHX	A	1917	7/7	0.98	0.11	130,131,131,131	0
85	MG	1	3943	1/1	0.98	0.17	37,37,37,37	0
84	OHX	AR	3419	7/7	0.98	0.23	122,122,123,123	0
84	OHX	A	1919	7/7	0.98	0.11	121,122,122,122	0
84	OHX	A	1920	7/7	0.98	0.09	128,128,129,129	0
84	OHX	AR	3420	7/7	0.98	0.25	113,114,114,114	0
84	OHX	A	1922	7/7	0.98	0.09	123,124,124,124	0
84	OHX	A	1923	7/7	0.98	0.10	124,125,125,125	0
85	MG	1	4212	1/1	0.98	0.21	39,39,39,39	0
84	OHX	AR	3421	7/7	0.98	0.20	113,113,113,113	0
85	MG	AR	4241	1/1	0.98	0.22	17,17,17,17	0
84	OHX	A	1925	7/7	0.98	0.07	136,137,137,137	0
84	OHX	AR	3422	7/7	0.98	0.23	112,112,112,112	0
85	MG	1	4216	1/1	0.98	0.21	23,23,23,23	0
84	OHX	1	3426	7/7	0.98	0.21	120,120,120,120	0
84	OHX	AR	3424	7/7	0.98	0.22	112,112,113,113	0
84	OHX	AR	3425	7/7	0.98	0.14	105,106,106,106	0
84	OHX	AR	3426	7/7	0.98	0.20	111,112,112,112	0
85	MG	AR	3940	1/1	0.98	0.24	21,21,21,21	0
85	MG	AR	4092	1/1	0.98	0.26	47,47,47,47	0
84	OHX	6	1912	7/7	0.98	0.14	122,122,123,123	0
84	OHX	AR	3428	7/7	0.98	0.14	115,115,115,116	0
84	OHX	6	1913	7/7	0.98	0.17	133,134,135,135	0
85	MG	AR	3798	1/1	0.98	0.24	33,33,33,33	0
85	MG	AR	3945	1/1	0.98	0.06	40,40,40,40	0
85	MG	AR	3799	1/1	0.98	0.09	22,22,22,22	0
85	MG	1	4089	1/1	0.98	0.19	42,42,42,42	0
84	OHX	AR	3431	7/7	0.98	0.18	109,109,110,110	0
84	OHX	1	3410	7/7	0.98	0.30	112,112,112,112	0
84	OHX	6	1916	7/7	0.98	0.15	119,120,120,120	0
84	OHX	1	3494	7/7	0.98	0.10	119,119,120,120	0
84	OHX	A	1938	7/7	0.98	0.12	126,127,127,127	0
84	OHX	A	1939	7/7	0.98	0.10	140,141,141,142	0
84	OHX	1	3457	7/7	0.98	0.12	126,127,127,128	0
84	OHX	AR	3437	7/7	0.98	0.14	108,108,108,108	0
84	OHX	AR	3438	7/7	0.98	0.15	108,108,108,108	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
84	OHX	1	3429	7/7	0.98	0.16	110,110,110,110	0
84	OHX	AR	3440	7/7	0.98	0.14	125,125,125,126	0
84	OHX	1	3535	7/7	0.98	0.12	111,111,111,112	0
85	MG	6	2135	1/1	0.98	0.12	49,49,49,49	0
85	MG	6	2136	1/1	0.98	0.08	52,52,52,52	0
84	OHX	1	3411	7/7	0.98	0.23	111,112,112,112	0
84	OHX	AR	3443	7/7	0.98	0.10	116,116,117,117	0
85	MG	1	3847	1/1	0.98	0.31	28,28,28,28	0
85	MG	1	3975	1/1	0.98	0.17	42,42,42,42	0
84	OHX	6	1922	7/7	0.98	0.09	121,122,122,122	0
84	OHX	6	1923	7/7	0.98	0.10	121,121,122,122	0
84	OHX	AR	3446	7/7	0.98	0.12	112,113,113,113	0
85	MG	4	225	1/1	0.98	0.17	25,25,25,25	0
84	OHX	1	3412	7/7	0.98	0.26	114,114,115,115	0
84	OHX	AR	3448	7/7	0.98	0.13	115,115,115,115	0
84	OHX	AR	3449	7/7	0.98	0.12	116,117,117,117	0
85	MG	1	3982	1/1	0.98	0.21	32,32,32,32	0
85	MG	1	3733	1/1	0.98	0.23	26,26,26,26	0
84	OHX	1	3461	7/7	0.98	0.11	110,110,111,111	0
85	MG	1	3735	1/1	0.98	0.13	24,24,24,24	0
84	OHX	AR	3451	7/7	0.98	0.13	114,114,114,114	0
84	OHX	AR	3452	7/7	0.98	0.12	121,121,122,122	0
84	OHX	6	1926	7/7	0.98	0.09	120,121,121,121	0
84	OHX	AR	3454	7/7	0.98	0.10	112,112,113,113	0
84	OHX	1	3432	7/7	0.98	0.22	117,117,117,117	0
84	OHX	4	202	7/7	0.98	0.29	112,112,112,113	0
84	OHX	A	1961	7/7	0.98	0.09	149,150,151,151	0
84	OHX	AR	3457	7/7	0.98	0.10	108,108,108,109	0
84	OHX	AR	3458	7/7	0.98	0.11	114,114,114,115	0
84	OHX	1	3463	7/7	0.98	0.10	121,121,122,122	0
84	OHX	6	1930	7/7	0.98	0.10	121,121,122,122	0
85	MG	1	3747	1/1	0.98	0.26	37,37,37,37	0
84	OHX	AR	3461	7/7	0.98	0.11	110,111,111,111	0
84	OHX	AR	3462	7/7	0.98	0.09	116,116,116,116	0
84	OHX	1	3464	7/7	0.98	0.11	109,109,109,109	0
84	OHX	1	3465	7/7	0.98	0.12	117,117,117,117	0
85	MG	AR	3846	1/1	0.98	0.28	33,33,33,33	0
84	OHX	AR	3465	7/7	0.98	0.14	118,118,118,118	0
84	OHX	AS	201	7/7	0.98	0.18	119,119,119,120	0
84	OHX	1	3413	7/7	0.98	0.22	112,113,113,113	0
84	OHX	1	3467	7/7	0.98	0.13	123,123,124,124	0
85	MG	AR	3999	1/1	0.98	0.15	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
84	OHX	AR	3468	7/7	0.98	0.10	124,124,125,125	0
85	MG	1	3757	1/1	0.98	0.14	38,38,38,38	0
84	OHX	1	3468	7/7	0.98	0.11	116,117,117,117	0
84	OHX	AR	3470	7/7	0.98	0.09	115,116,116,116	0
84	OHX	1	3407	7/7	0.98	0.27	106,106,107,107	0
84	OHX	1	3408	7/7	0.98	0.28	112,112,112,113	0
84	OHX	1	3416	7/7	0.98	0.18	109,109,109,109	0
85	MG	v	304	1/1	0.98	0.33	52,52,52,52	0
84	OHX	1	3437	7/7	0.98	0.19	116,117,117,117	0
85	MG	CQ	204	1/1	0.98	0.20	30,30,30,30	0
85	MG	6	2181	1/1	0.98	0.04	95,95,95,95	0
84	OHX	AR	3475	7/7	0.98	0.11	116,116,116,116	0
84	OHX	AT	201	7/7	0.98	0.30	109,109,110,110	0
84	OHX	AT	202	7/7	0.98	0.25	106,106,106,106	0
84	OHX	1	3417	7/7	0.98	0.23	116,117,117,117	0
85	MG	1	3889	1/1	0.98	0.28	23,23,23,23	0
84	OHX	1	3439	7/7	0.98	0.13	109,109,109,109	0
85	MG	1	3891	1/1	0.98	0.25	17,17,17,17	0
84	OHX	6	1942	7/7	0.98	0.10	135,135,136,136	0
85	MG	AR	4018	1/1	0.98	0.13	36,36,36,36	0
85	MG	1	3893	1/1	0.98	0.16	26,26,26,26	0
85	MG	AR	4172	1/1	0.98	0.08	65,65,65,65	0
84	OHX	1	3418	7/7	0.98	0.22	114,115,115,115	0
85	MG	DC	204	1/1	0.98	0.07	35,35,35,35	0
84	OHX	1	3441	7/7	0.98	0.15	116,116,116,117	0
84	OHX	1	3442	7/7	0.98	0.17	120,121,121,121	0
85	MG	AR	4175	1/1	0.99	0.10	35,35,35,35	0
85	MG	1	4063	1/1	0.99	0.04	38,38,38,38	0
85	MG	1	4181	1/1	0.99	0.16	23,23,23,23	0
85	MG	1	3839	1/1	0.99	0.10	27,27,27,27	0
84	OHX	1	3427	7/7	0.99	0.19	112,113,113,113	0
85	MG	1	3895	1/1	0.99	0.30	28,28,28,28	0
84	OHX	AR	3434	7/7	0.99	0.14	111,111,111,111	0
85	MG	AR	3770	1/1	0.99	0.21	32,32,32,32	0
84	OHX	AR	3489	7/7	0.99	0.07	114,114,114,114	0
84	OHX	AR	3429	7/7	0.99	0.10	112,112,112,112	0
85	MG	1	4112	1/1	0.99	0.21	32,32,32,32	0
85	MG	AR	3954	1/1	0.99	0.15	44,44,44,44	0
85	MG	AR	3774	1/1	0.99	0.04	30,30,30,30	0
84	OHX	6	1915	7/7	0.99	0.09	119,119,120,120	0
85	MG	1	4031	1/1	0.99	0.25	21,21,21,21	0
84	OHX	1	3419	7/7	0.99	0.16	107,107,107,107	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	AS	230	1/1	0.99	0.29	36,36,36,36	0
85	MG	AR	4191	1/1	0.99	0.07	58,58,58,58	0
85	MG	1	3829	1/1	0.99	0.27	16,16,16,16	0
88	ZN	DQ	202	1/1	0.99	0.04	63,63,63,63	0
85	MG	AR	4131	1/1	0.99	0.07	39,39,39,39	0
88	ZN	e	102	1/1	0.99	0.04	79,79,79,79	0
84	OHX	1	3447	7/7	0.99	0.10	113,113,113,113	0
85	MG	1	3914	1/1	0.99	0.25	19,19,19,19	0
88	ZN	d9	102	1/1	0.99	0.05	83,83,83,83	0
85	MG	1	3903	1/1	0.99	0.26	21,21,21,21	0
88	ZN	DR	501	1/1	1.00	0.04	59,59,59,59	0
88	ZN	b	102	1/1	1.00	0.06	71,71,71,71	0
88	ZN	AN	500	1/1	1.00	0.01	38,38,38,38	0
88	ZN	AP	501	1/1	1.00	0.04	61,61,61,61	0
88	ZN	AQ	501	1/1	1.00	0.03	56,56,56,56	0
88	ZN	d6	103	1/1	1.00	0.02	53,53,53,53	0
88	ZN	DL	101	1/1	1.00	0.02	41,41,41,41	0
88	ZN	DO	201	1/1	1.00	0.02	32,32,32,32	0
88	ZN	AK	101	1/1	1.00	0.02	34,34,34,34	0

5.5 Other polymers [i](#)

There are no such residues in this entry.