



wwPDB EM Validation Summary Report ⓘ

Apr 15, 2026 – 03:49 PM UTC

PDB ID : 6KGX / pdb_00006kgx
EMDB ID : EMD-9976
Title : Structure of the phycobilisome from the red alga *Porphyridium purpureum*
Authors : Sui, S.F.; Ma, J.F.; You, X.; Sun, S.
Deposited on : 2019-07-12
Resolution : 2.80 Å(reported)

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

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

A user guide is available at

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

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:

EMDB validation analysis : 0.0.1.dev132
Mogul : **FAILED**
MolProbity : **FAILED**
Buster-report : **FAILED**
Percentile statistics : 20250101.v01 (using entries in the PDB archive January 1st 2025)
EM percentile statistics : **NOT EXECUTED**
MapQ : **FAILED**
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.49

1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

ELECTRON MICROSCOPY

The reported resolution of this entry is 2.80 Å.

There are no overall percentile quality scores available for this entry.

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

2 Entry composition

There are 28 unique types of molecules in this entry. The entry contains 1014295 atoms, of which 1824 are hydrogens and 0 are deuteriums.

In the tables below, 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 protein called Phycoerythrin alpha subunit.

Mol	Chain	Residues	Atoms					AltConf	Trace
1	A1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	C1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	E1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	G1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	I1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	K1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	N1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	P1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	R1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	T1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	V1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	X1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	c1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	e1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	g1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	i1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	k1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	m1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	p1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	r1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	t1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	v1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	x1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	z1	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	O2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	Q2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	S2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	U2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	W2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	Z2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	b2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	d2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	f2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	h2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	j2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	l2	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	A3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	C3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	E3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	G3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	I3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	K3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	M3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	O3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	Q3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	S3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	U3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	W3	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	A4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	C4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	E4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	G4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	I4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	K4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	N4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	P4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	R4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	T4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	V4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	X4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	c4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	e4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	g4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	i4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	k4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	m4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	p4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	r4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	t4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	v4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	x4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	z4	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	J5	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	O6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	Q6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	S6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	U6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	W6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	Z6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	b6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	d6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	f6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	h6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	j6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	l6	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	O7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	Q7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	S7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	U7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	W7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	Z7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	b7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	d7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	f7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	h7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	j7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	l7	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	C8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	E8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	G8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	I8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	K8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	M8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	O8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	Q8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	S8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	U8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	W8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	Y8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	a8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	d8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	f8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	h8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	j8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	l8	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	B9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	D9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	F9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	H9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	J9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	L9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	N9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	P9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	R9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	T9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	V9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	X9	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	CA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	EA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	GA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	IA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	KA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	MA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	OA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	QA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	SA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	UA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	WA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	YA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	aA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	dA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	fA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	hA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	jA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	lA	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	OB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	QB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	SB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	UB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	WB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	ZB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	bB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	dB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	fB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	hB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	jB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	lB	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	JC	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	AD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	CD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	ED	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	GD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	ID	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	KD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	MD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	OD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	QD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	SD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	UD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	WD	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	AE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	CE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	EE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	GE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	IE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	KE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	ME	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	OE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	QE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	SE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	UE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	WE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	YE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	aE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	cE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	eE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	gE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	iE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	kE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	mE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	oE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	qE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	sE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	uE	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	OF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	QF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	SF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	UF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	WF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	ZF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	bF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	dF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	fF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	hF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	jF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	lF	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	AG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	CG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	EG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	GG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	IG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	KG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	MG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	OG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	QG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	SG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	UG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	WG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	YG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	aG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	cG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	eG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	gG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	iG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	kG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	mG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	oG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	qG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	sG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	uG	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	OI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	QI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	SI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	UI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	WI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	ZI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	bI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	dI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	fl	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	hI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	jI	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	II	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	BJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	DJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	FJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	HJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	JJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	LJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
1	NJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	PJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	RJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	TJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	VJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		
1	XJ	164	Total	C	N	O	S	0	0
			1250	779	219	245	7		

- Molecule 2 is a protein called B-phycoerythrin beta chain.

Mol	Chain	Residues	Atoms					AltConf	Trace
2	B1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	D1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	F1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	H1	177	Total	C	N	O	S	1	0
			1297	802	225	258	12		
2	J1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	L1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	O1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	Q1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	S1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	U1	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	W1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	Y1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	Z1	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	a1	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	d1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	f1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	h1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	j1	177	Total	C	N	O	S	1	0
			1297	802	225	258	12		
2	l1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	n1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	q1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	s1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	u1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	w1	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	y1	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	11	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	P2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	R2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	T2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	V2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	Y2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	a2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	c2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	e2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	g2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	i2	177	Total	C	N	O	S	1	0
			1297	802	225	258	12		
2	k2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	m2	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	B3	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	D3	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	F3	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	H3	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	J3	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	L3	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	N3	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	P3	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	R3	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	T3	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	V3	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	X3	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	B4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	D4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	F4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	H4	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	J4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	L4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	O4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	Q4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	S4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	U4	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	W4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	Y4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	Z4	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	a4	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	d4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	f4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	h4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	j4	177	Total	C	N	O	S	1	0
			1297	802	225	258	12		
2	l4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	n4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	q4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	s4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	u4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	w4	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	y4	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	14	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	A5	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	B5	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	C5	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	F5	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	G5	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	H5	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	I5	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	K5	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	L5	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	P6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	R6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	T6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	V6	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	Y6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	a6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	c6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	e6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	g6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	i6	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	k6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	m6	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	P7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	R7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	T7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	V7	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	Y7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	a7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	c7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	e7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	g7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	i7	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	k7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	m7	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	D8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	F8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	H8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	J8	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	L8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	N8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	P8	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	R8	177	Total	C	N	O	S	1	0
			1297	802	225	258	12		
2	T8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	V8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	X8	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	Z8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	c8	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	e8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	g8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	i8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	k8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	m8	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	C9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	E9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	G9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	I9	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	K9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	M9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	O9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	Q9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	S9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	U9	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	W9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	Y9	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	DA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	FA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	HA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	JA	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	LA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	NA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	PA	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	RA	177	Total	C	N	O	S	1	0
			1297	802	225	258	12		
2	TA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	VA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	XA	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	ZA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	cA	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	eA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	gA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	iA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	kA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	mA	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	PB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	RB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	TB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	VB	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	YB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	aB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	cB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	eB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	gB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	iB	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	kB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	mB	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	AC	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	BC	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	CC	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	FC	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	GC	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	HC	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	IC	176	Total	C	N	O	S	0	0
			1286	795	224	256	11		
2	KC	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	LC	146	Total	C	N	O	S	0	0
			1065	654	187	213	11		
2	BD	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	DD	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	FD	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	HD	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	JD	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	LD	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	ND	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	PD	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	RD	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	TD	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	VD	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	XD	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	BE	177	Total	C	N	O	S	1	0
			1297	802	225	258	12		
2	DE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	FE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	HE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	JE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	LE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	NE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	PE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	RE	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	TE	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	VE	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	XE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	ZE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	bE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	dE	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	fE	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	hE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	jE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	lE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	nE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	pE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	rE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	tE	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	vE	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	PF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	RF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	TF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	VF	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	YF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	aF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	cF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	eF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	gF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	iF	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	kF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	mF	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	BG	177	Total	C	N	O	S	1	0
			1297	802	225	258	12		
2	DG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	FG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	HG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	JG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	LG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	NG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	PG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	RG	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	TG	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	VG	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	XG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	ZG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	bG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	dG	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	fG	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	hG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	jG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	lG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	nG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	pG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	rG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	tG	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	vG	177	Total	C	N	O	S	3	0
			1303	806	225	260	12		
2	PI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	RI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	TI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	VI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	YI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	aI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	cI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	eI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	gI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	iI	177	Total	C	N	O	S	1	0
			1297	802	225	258	12		
2	kI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	mI	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	CJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	EJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	GJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

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Mol	Chain	Residues	Atoms					AltConf	Trace
2	IJ	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	KJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	MJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	OJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	QJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	SJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	UJ	177	Total	C	N	O	S	2	0
			1300	804	225	259	12		
2	WJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		
2	YJ	177	Total	C	N	O	S	0	0
			1294	800	225	257	12		

- Molecule 3 is a protein called LR7.

Mol	Chain	Residues	Atoms					AltConf	Trace
3	M1	238	Total	C	N	O	S	0	0
			1846	1137	347	347	15		
3	21	238	Total	C	N	O	S	0	0
			1846	1137	347	347	15		
3	M4	238	Total	C	N	O	S	0	0
			1846	1137	347	347	15		
3	24	238	Total	C	N	O	S	0	0
			1846	1137	347	347	15		

- Molecule 4 is a protein called LR2_Hb.

Mol	Chain	Residues	Atoms					AltConf	Trace
4	b1	323	Total	C	N	O	S	0	0
			2485	1566	422	486	11		
4	o1	212	Total	C	N	O	S	0	0
			1645	1036	283	319	7		
4	b4	323	Total	C	N	O	S	0	0
			2485	1566	422	486	11		
4	o4	212	Total	C	N	O	S	0	0
			1645	1036	283	319	7		

- Molecule 5 is a protein called LR9.

Mol	Chain	Residues	Atoms					AltConf	Trace
5	31	285	Total	C	N	O	S	0	0
			2182	1399	369	404	10		
5	34	285	Total	C	N	O	S	0	0
			2182	1399	369	404	10		

- Molecule 6 is a protein called LR1.

Mol	Chain	Residues	Atoms					AltConf	Trace
6	X2	324	Total	C	N	O	S	0	0
			2527	1603	431	486	7		
6	X6	324	Total	C	N	O	S	0	0
			2527	1603	431	486	7		
6	X7	324	Total	C	N	O	S	0	0
			2527	1603	431	486	7		
6	XB	324	Total	C	N	O	S	0	0
			2527	1603	431	486	7		
6	XF	324	Total	C	N	O	S	0	0
			2527	1603	431	486	7		
6	XI	324	Total	C	N	O	S	0	0
			2527	1603	431	486	7		

- Molecule 7 is a protein called LR4.

Mol	Chain	Residues	Atoms					AltConf	Trace
7	A2	257	Total	C	N	O	S	0	0
			1987	1226	368	378	15		
7	Y3	237	Total	C	N	O	S	0	0
			1832	1132	339	346	15		
7	A6	257	Total	C	N	O	S	0	0
			1987	1226	368	378	15		
7	A7	257	Total	C	N	O	S	0	0
			1987	1226	368	378	15		
7	A9	256	Total	C	N	O	S	0	0
			1979	1220	367	377	15		
7	AB	257	Total	C	N	O	S	0	0
			1987	1226	368	378	15		
7	YD	237	Total	C	N	O	S	0	0
			1832	1132	339	346	15		
7	AF	257	Total	C	N	O	S	0	0
			1987	1226	368	378	15		
7	AI	257	Total	C	N	O	S	0	0
			1987	1226	368	378	15		

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Mol	Chain	Residues	Atoms					AltConf	Trace
7	AJ	256	Total	C	N	O	S	0	0
			1979	1220	367	377	15		

- Molecule 8 is a protein called Phycobilisome rod-core linker polypeptide.

Mol	Chain	Residues	Atoms					AltConf	Trace
8	B2	230	Total	C	N	O	S	0	0
			1889	1206	331	348	4		
8	B6	231	Total	C	N	O	S	0	0
			1897	1212	332	349	4		
8	B7	227	Total	C	N	O	S	0	0
			1874	1197	328	345	4		
8	BB	231	Total	C	N	O	S	0	0
			1897	1212	332	349	4		
8	BF	227	Total	C	N	O	S	0	0
			1874	1197	328	345	4		
8	BI	230	Total	C	N	O	S	0	0
			1889	1206	331	348	4		

- Molecule 9 is a protein called C-phycoyanin alpha subunit.

Mol	Chain	Residues	Atoms					AltConf	Trace
9	C2	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	E2	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	G2	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	I2	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	K2	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	M2	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	C6	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	E6	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	G6	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	I6	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		

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Mol	Chain	Residues	Atoms					AltConf	Trace
9	K6	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	M6	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	C7	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	E7	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	G7	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	I7	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	K7	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	M7	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	CB	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	EB	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	GB	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	IB	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	KB	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	MB	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	CF	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	EF	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	GF	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	IF	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	KF	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	MF	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	CI	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		

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Mol	Chain	Residues	Atoms					AltConf	Trace
9	EI	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	GI	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	II	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	KI	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		
9	MI	162	Total	C	N	O	S	0	0
			1228	773	209	240	6		

- Molecule 10 is a protein called C-phycoyanin beta subunit.

Mol	Chain	Residues	Atoms					AltConf	Trace
10	D2	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	F2	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	H2	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	J2	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	L2	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	N2	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	D6	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	F6	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	H6	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	J6	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	L6	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	N6	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	D7	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	F7	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		

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Mol	Chain	Residues	Atoms					AltConf	Trace
10	H7	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	J7	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	L7	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	N7	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	DB	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	FB	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	HB	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	JB	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	LB	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	NB	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	DF	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	FF	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	HF	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	JF	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	LF	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	NF	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	DI	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	FI	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	HI	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	JI	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		
10	LI	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		

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Mol	Chain	Residues	Atoms					AltConf	Trace
10	NI	172	Total	C	N	O	S	0	0
			1272	786	224	253	9		

- Molecule 11 is a protein called LR2.

Mol	Chain	Residues	Atoms					AltConf	Trace
11	e3	248	Total	C	N	O	S	0	0
			1932	1217	336	369	10		
11	eD	248	Total	C	N	O	S	0	0
			1932	1217	336	369	10		

- Molecule 12 is a protein called LRC2.

Mol	Chain	Residues	Atoms					AltConf	Trace
12	b8	380	Total	C	N	O	S	0	0
			2961	1867	514	565	15		
12	bA	380	Total	C	N	O	S	0	0
			2961	1867	514	565	15		

- Molecule 13 is a protein called LR5.

Mol	Chain	Residues	Atoms					AltConf	Trace
13	A8	238	Total	C	N	O	S	0	0
			1814	1122	335	342	15		
13	AA	238	Total	C	N	O	S	0	0
			1814	1122	335	342	15		
13	wE	238	Total	C	N	O	S	0	0
			1814	1122	335	342	15		
13	xE	238	Total	C	N	O	S	0	0
			1814	1122	335	342	15		
13	wG	238	Total	C	N	O	S	0	0
			1814	1122	335	342	15		
13	xG	238	Total	C	N	O	S	0	0
			1814	1122	335	342	15		

- Molecule 14 is a protein called LR8.

Mol	Chain	Residues	Atoms					AltConf	Trace
14	B8	250	Total	C	N	O	S	0	0
			1902	1184	346	358	14		
14	BA	250	Total	C	N	O	S	0	0
			1902	1184	346	358	14		

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Mol	Chain	Residues	Atoms					AltConf	Trace
14	yE	250	Total	C	N	O	S	0	0
			1902	1184	346	358	14		
14	yG	250	Total	C	N	O	S	0	0
			1902	1184	346	358	14		

- Molecule 15 is a protein called LR3.

Mol	Chain	Residues	Atoms					AltConf	Trace
15	d9	285	Total	C	N	O	S	0	0
			2203	1367	390	435	11		
15	dJ	285	Total	C	N	O	S	0	0
			2203	1367	390	435	11		

- Molecule 16 is a protein called LRC3.

Mol	Chain	Residues	Atoms					AltConf	Trace
16	zE	370	Total	C	N	O	S	0	0
			2901	1833	514	540	14		
16	zG	370	Total	C	N	O	S	0	0
			2901	1833	514	540	14		

- Molecule 17 is a protein called Allophycocyanin alpha subunit.

Mol	Chain	Residues	Atoms					AltConf	Trace
17	AH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	CH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	EH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	GH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	JH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	KH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	NH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	PH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	RH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
17	TH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	cH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	eH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	gH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	iH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	lH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	mH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	pH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	rH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	tH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		
17	vH	160	Total	C	N	O	S	0	0
			1225	768	211	239	7		

- Molecule 18 is a protein called Allophycocyanin beta subunit.

Mol	Chain	Residues	Atoms					AltConf	Trace
18	DH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	FH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	BH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	HH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	IH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	LH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	MH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	OH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		

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Mol	Chain	Residues	Atoms					AltConf	Trace
18	QH	161	Total	C	N	O	S	0	0
			1220	767	206	240	7		
18	SH	161	Total	C	N	O	S	0	0
			1220	767	206	240	7		
18	UH	161	Total	C	N	O	S	0	0
			1220	767	206	240	7		
18	dH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	fH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	hH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	jH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	kH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	nH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	oH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	qH	161	Total	C	N	O	S	0	0
			1219	767	206	239	7		
18	sH	161	Total	C	N	O	S	0	0
			1220	767	206	240	7		
18	uH	161	Total	C	N	O	S	0	0
			1220	767	206	240	7		
18	wH	161	Total	C	N	O	S	0	0
			1220	767	206	240	7		

- Molecule 19 is a protein called Allophycocyanin gamma subunit.

Mol	Chain	Residues	Atoms					AltConf	Trace
19	VH	160	Total	C	N	O	S	0	0
			1260	808	207	240	5		
19	xH	160	Total	C	N	O	S	0	0
			1260	808	207	240	5		

- Molecule 20 is a protein called Allophycocyanin beta 18 subunit.

Mol	Chain	Residues	Atoms					AltConf	Trace
20	WH	173	Total	C	N	O	S	0	0
			1376	881	230	261	4		

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Mol	Chain	Residues	Atoms					AltConf	Trace
20	yH	173	Total	C	N	O	S	0	0
			1376	881	230	261	4		

- Molecule 21 is a protein called LC.

Mol	Chain	Residues	Atoms					AltConf	Trace
21	XH	92	Total	C	N	O	S	0	0
			720	453	127	135	5		
21	zH	92	Total	C	N	O	S	0	0
			720	453	127	135	5		

- Molecule 22 is a protein called Phycobilisome linker polypeptide.

Mol	Chain	Residues	Atoms					AltConf	Trace
22	YH	844	Total	C	N	O	S	0	0
			6756	4328	1169	1245	14		
22	1H	844	Total	C	N	O	S	0	0
			6756	4328	1169	1245	14		

- Molecule 23 is a protein called LRC4.

Mol	Chain	Residues	Atoms					AltConf	Trace
23	ZH	132	Total	C	N	O	S	0	0
			1004	631	179	191	3		
23	2H	132	Total	C	N	O	S	0	0
			1004	631	179	191	3		

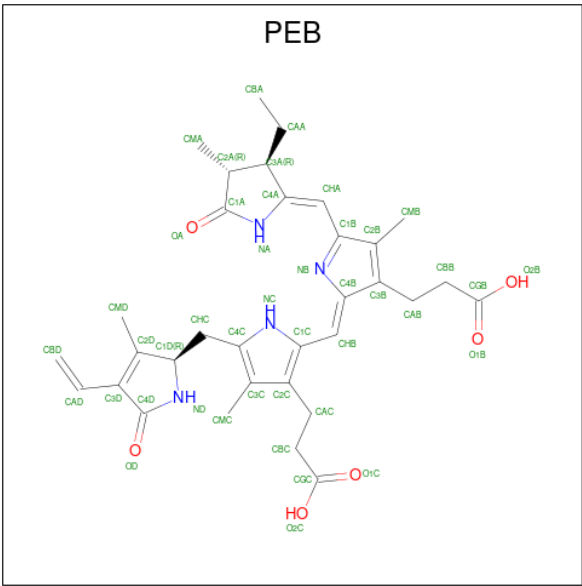
- Molecule 24 is a protein called LRC5.

Mol	Chain	Residues	Atoms					AltConf	Trace
24	aH	253	Total	C	N	O	S	0	0
			1897	1190	325	375	7		
24	3H	253	Total	C	N	O	S	0	0
			1897	1190	325	375	7		

- Molecule 25 is a protein called LRC6.

Mol	Chain	Residues	Atoms					AltConf	Trace
25	bH	206	Total	C	N	O	S	0	0
			1532	982	259	286	5		
25	4H	206	Total	C	N	O	S	0	0
			1532	982	259	286	5		

- Molecule 26 is PHYCOERYTHROBILIN (CCD ID: PEB) (formula: C₃₃H₄₀N₄O₆).



Mol	Chain	Residues	Atoms				AltConf
26	A1	1	Total	C	N	O	0
			43	33	4	6	
26	A1	1	Total	C	N	O	0
			43	33	4	6	
26	B1	1	Total	C	N	O	0
			43	33	4	6	
26	B1	1	Total	C	N	O	0
			43	33	4	6	
26	B1	1	Total	C	N	O	0
			43	33	4	6	
26	C1	1	Total	C	N	O	0
			43	33	4	6	
26	C1	1	Total	C	N	O	0
			43	33	4	6	
26	D1	1	Total	C	N	O	0
			43	33	4	6	
26	D1	1	Total	C	N	O	0
			43	33	4	6	
26	D1	1	Total	C	N	O	0
			43	33	4	6	
26	E1	1	Total	C	N	O	0
			43	33	4	6	
26	E1	1	Total	C	N	O	0
			43	33	4	6	
26	F1	1	Total	C	N	O	0
			43	33	4	6	

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Mol	Chain	Residues	Atoms				AltConf
26	F1	1	Total 43	C 33	N 4	O 6	0
26	F1	1	Total 43	C 33	N 4	O 6	0
26	G1	1	Total 43	C 33	N 4	O 6	0
26	G1	1	Total 43	C 33	N 4	O 6	0
26	H1	1	Total 43	C 33	N 4	O 6	0
26	H1	1	Total 43	C 33	N 4	O 6	0
26	H1	1	Total 43	C 33	N 4	O 6	0
26	I1	1	Total 43	C 33	N 4	O 6	0
26	I1	1	Total 43	C 33	N 4	O 6	0
26	J1	1	Total 43	C 33	N 4	O 6	0
26	J1	1	Total 43	C 33	N 4	O 6	0
26	J1	1	Total 43	C 33	N 4	O 6	0
26	K1	1	Total 43	C 33	N 4	O 6	0
26	K1	1	Total 43	C 33	N 4	O 6	0
26	L1	1	Total 43	C 33	N 4	O 6	0
26	L1	1	Total 43	C 33	N 4	O 6	0
26	L1	1	Total 43	C 33	N 4	O 6	0
26	M1	1	Total 43	C 33	N 4	O 6	0
26	M1	1	Total 43	C 33	N 4	O 6	0
26	M1	1	Total 43	C 33	N 4	O 6	0
26	N1	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	N1	1	Total 43	C 33	N 4	O 6	0
26	N1	1	Total 43	C 33	N 4	O 6	0
26	O1	1	Total 43	C 33	N 4	O 6	0
26	O1	1	Total 43	C 33	N 4	O 6	0
26	P1	1	Total 43	C 33	N 4	O 6	0
26	P1	1	Total 43	C 33	N 4	O 6	0
26	P1	1	Total 43	C 33	N 4	O 6	0
26	Q1	1	Total 43	C 33	N 4	O 6	0
26	Q1	1	Total 43	C 33	N 4	O 6	0
26	R1	1	Total 43	C 33	N 4	O 6	0
26	R1	1	Total 43	C 33	N 4	O 6	0
26	R1	1	Total 43	C 33	N 4	O 6	0
26	S1	1	Total 43	C 33	N 4	O 6	0
26	S1	1	Total 43	C 33	N 4	O 6	0
26	T1	1	Total 43	C 33	N 4	O 6	0
26	T1	1	Total 43	C 33	N 4	O 6	0
26	T1	1	Total 43	C 33	N 4	O 6	0
26	U1	1	Total 43	C 33	N 4	O 6	0
26	U1	1	Total 43	C 33	N 4	O 6	0
26	V1	1	Total 43	C 33	N 4	O 6	0
26	V1	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	V1	1	Total 43	C 33	N 4	O 6	0
26	W1	1	Total 43	C 33	N 4	O 6	0
26	W1	1	Total 43	C 33	N 4	O 6	0
26	X1	1	Total 43	C 33	N 4	O 6	0
26	X1	1	Total 43	C 33	N 4	O 6	0
26	X1	1	Total 43	C 33	N 4	O 6	0
26	Y1	1	Total 43	C 33	N 4	O 6	0
26	Y1	1	Total 43	C 33	N 4	O 6	0
26	Z1	1	Total 43	C 33	N 4	O 6	0
26	Z1	1	Total 43	C 33	N 4	O 6	0
26	a1	1	Total 43	C 33	N 4	O 6	0
26	a1	1	Total 43	C 33	N 4	O 6	0
26	a1	1	Total 43	C 33	N 4	O 6	0
26	b1	1	Total 43	C 33	N 4	O 6	0
26	c1	1	Total 43	C 33	N 4	O 6	0
26	c1	1	Total 43	C 33	N 4	O 6	0
26	c1	1	Total 43	C 33	N 4	O 6	0
26	d1	1	Total 43	C 33	N 4	O 6	0
26	d1	1	Total 43	C 33	N 4	O 6	0
26	d1	1	Total 43	C 33	N 4	O 6	0
26	e1	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	e1	1	Total 43	C 33	N 4	O 6	0
26	f1	1	Total 43	C 33	N 4	O 6	0
26	f1	1	Total 43	C 33	N 4	O 6	0
26	g1	1	Total 43	C 33	N 4	O 6	0
26	g1	1	Total 43	C 33	N 4	O 6	0
26	g1	1	Total 43	C 33	N 4	O 6	0
26	h1	1	Total 43	C 33	N 4	O 6	0
26	h1	1	Total 43	C 33	N 4	O 6	0
26	i1	1	Total 43	C 33	N 4	O 6	0
26	i1	1	Total 43	C 33	N 4	O 6	0
26	i1	1	Total 43	C 33	N 4	O 6	0
26	j1	1	Total 43	C 33	N 4	O 6	0
26	j1	1	Total 43	C 33	N 4	O 6	0
26	k1	1	Total 43	C 33	N 4	O 6	0
26	k1	1	Total 43	C 33	N 4	O 6	0
26	k1	1	Total 43	C 33	N 4	O 6	0
26	l1	1	Total 43	C 33	N 4	O 6	0
26	l1	1	Total 43	C 33	N 4	O 6	0
26	m1	1	Total 43	C 33	N 4	O 6	0
26	m1	1	Total 43	C 33	N 4	O 6	0
26	m1	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	n1	1	Total 43	C 33	N 4	O 6	0
26	o1	1	Total 43	C 33	N 4	O 6	0
26	p1	1	Total 43	C 33	N 4	O 6	0
26	p1	1	Total 43	C 33	N 4	O 6	0
26	q1	1	Total 43	C 33	N 4	O 6	0
26	q1	1	Total 43	C 33	N 4	O 6	0
26	q1	1	Total 43	C 33	N 4	O 6	0
26	r1	1	Total 43	C 33	N 4	O 6	0
26	r1	1	Total 43	C 33	N 4	O 6	0
26	s1	1	Total 43	C 33	N 4	O 6	0
26	s1	1	Total 43	C 33	N 4	O 6	0
26	s1	1	Total 43	C 33	N 4	O 6	0
26	t1	1	Total 43	C 33	N 4	O 6	0
26	t1	1	Total 43	C 33	N 4	O 6	0
26	u1	1	Total 43	C 33	N 4	O 6	0
26	u1	1	Total 43	C 33	N 4	O 6	0
26	u1	1	Total 43	C 33	N 4	O 6	0
26	v1	1	Total 43	C 33	N 4	O 6	0
26	v1	1	Total 43	C 33	N 4	O 6	0
26	w1	1	Total 43	C 33	N 4	O 6	0
26	w1	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	w1	1	Total 43	C 33	N 4	O 6	0
26	x1	1	Total 43	C 33	N 4	O 6	0
26	x1	1	Total 43	C 33	N 4	O 6	0
26	y1	1	Total 43	C 33	N 4	O 6	0
26	y1	1	Total 43	C 33	N 4	O 6	0
26	y1	1	Total 43	C 33	N 4	O 6	0
26	z1	1	Total 43	C 33	N 4	O 6	0
26	z1	1	Total 43	C 33	N 4	O 6	0
26	11	1	Total 43	C 33	N 4	O 6	0
26	11	1	Total 43	C 33	N 4	O 6	0
26	11	1	Total 43	C 33	N 4	O 6	0
26	21	1	Total 43	C 33	N 4	O 6	0
26	21	1	Total 43	C 33	N 4	O 6	0
26	21	1	Total 43	C 33	N 4	O 6	0
26	A2	1	Total 43	C 33	N 4	O 6	0
26	A2	1	Total 43	C 33	N 4	O 6	0
26	A2	1	Total 43	C 33	N 4	O 6	0
26	D2	1	Total 43	C 33	N 4	O 6	0
26	F2	1	Total 43	C 33	N 4	O 6	0
26	H2	1	Total 43	C 33	N 4	O 6	0
26	J2	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	L2	1	Total 43	C 33	N 4	O 6	0
26	N2	1	Total 43	C 33	N 4	O 6	0
26	O2	1	Total 43	C 33	N 4	O 6	0
26	O2	1	Total 43	C 33	N 4	O 6	0
26	P2	1	Total 43	C 33	N 4	O 6	0
26	P2	1	Total 43	C 33	N 4	O 6	0
26	P2	1	Total 43	C 33	N 4	O 6	0
26	Q2	1	Total 43	C 33	N 4	O 6	0
26	Q2	1	Total 43	C 33	N 4	O 6	0
26	R2	1	Total 43	C 33	N 4	O 6	0
26	R2	1	Total 43	C 33	N 4	O 6	0
26	R2	1	Total 43	C 33	N 4	O 6	0
26	S2	1	Total 43	C 33	N 4	O 6	0
26	S2	1	Total 43	C 33	N 4	O 6	0
26	T2	1	Total 43	C 33	N 4	O 6	0
26	T2	1	Total 43	C 33	N 4	O 6	0
26	T2	1	Total 43	C 33	N 4	O 6	0
26	U2	1	Total 43	C 33	N 4	O 6	0
26	U2	1	Total 43	C 33	N 4	O 6	0
26	V2	1	Total 43	C 33	N 4	O 6	0
26	V2	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	V2	1	Total 43	C 33	N 4	O 6	0
26	W2	1	Total 43	C 33	N 4	O 6	0
26	Y2	1	Total 43	C 33	N 4	O 6	0
26	Y2	1	Total 43	C 33	N 4	O 6	0
26	Y2	1	Total 43	C 33	N 4	O 6	0
26	Z2	1	Total 43	C 33	N 4	O 6	0
26	Z2	1	Total 43	C 33	N 4	O 6	0
26	a2	1	Total 43	C 33	N 4	O 6	0
26	a2	1	Total 43	C 33	N 4	O 6	0
26	a2	1	Total 43	C 33	N 4	O 6	0
26	b2	1	Total 43	C 33	N 4	O 6	0
26	b2	1	Total 43	C 33	N 4	O 6	0
26	c2	1	Total 43	C 33	N 4	O 6	0
26	c2	1	Total 43	C 33	N 4	O 6	0
26	c2	1	Total 43	C 33	N 4	O 6	0
26	d2	1	Total 43	C 33	N 4	O 6	0
26	d2	1	Total 43	C 33	N 4	O 6	0
26	e2	1	Total 43	C 33	N 4	O 6	0
26	e2	1	Total 43	C 33	N 4	O 6	0
26	e2	1	Total 43	C 33	N 4	O 6	0
26	f2	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	f2	1	Total 43	C 33	N 4	O 6	0
26	g2	1	Total 43	C 33	N 4	O 6	0
26	g2	1	Total 43	C 33	N 4	O 6	0
26	g2	1	Total 43	C 33	N 4	O 6	0
26	h2	1	Total 43	C 33	N 4	O 6	0
26	h2	1	Total 43	C 33	N 4	O 6	0
26	i2	1	Total 43	C 33	N 4	O 6	0
26	i2	1	Total 43	C 33	N 4	O 6	0
26	i2	1	Total 43	C 33	N 4	O 6	0
26	j2	1	Total 43	C 33	N 4	O 6	0
26	j2	1	Total 43	C 33	N 4	O 6	0
26	k2	1	Total 43	C 33	N 4	O 6	0
26	k2	1	Total 43	C 33	N 4	O 6	0
26	k2	1	Total 43	C 33	N 4	O 6	0
26	l2	1	Total 43	C 33	N 4	O 6	0
26	l2	1	Total 43	C 33	N 4	O 6	0
26	m2	1	Total 43	C 33	N 4	O 6	0
26	m2	1	Total 43	C 33	N 4	O 6	0
26	m2	1	Total 43	C 33	N 4	O 6	0
26	e3	1	Total 43	C 33	N 4	O 6	0
26	A3	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	A3	1	Total 43	C 33	N 4	O 6	0
26	B3	1	Total 43	C 33	N 4	O 6	0
26	B3	1	Total 43	C 33	N 4	O 6	0
26	B3	1	Total 43	C 33	N 4	O 6	0
26	C3	1	Total 43	C 33	N 4	O 6	0
26	C3	1	Total 43	C 33	N 4	O 6	0
26	D3	1	Total 43	C 33	N 4	O 6	0
26	D3	1	Total 43	C 33	N 4	O 6	0
26	D3	1	Total 43	C 33	N 4	O 6	0
26	E3	1	Total 43	C 33	N 4	O 6	0
26	E3	1	Total 43	C 33	N 4	O 6	0
26	F3	1	Total 43	C 33	N 4	O 6	0
26	F3	1	Total 43	C 33	N 4	O 6	0
26	F3	1	Total 43	C 33	N 4	O 6	0
26	G3	1	Total 43	C 33	N 4	O 6	0
26	G3	1	Total 43	C 33	N 4	O 6	0
26	H3	1	Total 43	C 33	N 4	O 6	0
26	H3	1	Total 43	C 33	N 4	O 6	0
26	H3	1	Total 43	C 33	N 4	O 6	0
26	I3	1	Total 43	C 33	N 4	O 6	0
26	I3	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	J3	1	Total 43	C 33	N 4	O 6	0
26	J3	1	Total 43	C 33	N 4	O 6	0
26	J3	1	Total 43	C 33	N 4	O 6	0
26	K3	1	Total 43	C 33	N 4	O 6	0
26	K3	1	Total 43	C 33	N 4	O 6	0
26	L3	1	Total 43	C 33	N 4	O 6	0
26	L3	1	Total 43	C 33	N 4	O 6	0
26	L3	1	Total 43	C 33	N 4	O 6	0
26	M3	1	Total 43	C 33	N 4	O 6	0
26	M3	1	Total 43	C 33	N 4	O 6	0
26	N3	1	Total 43	C 33	N 4	O 6	0
26	N3	1	Total 43	C 33	N 4	O 6	0
26	N3	1	Total 43	C 33	N 4	O 6	0
26	O3	1	Total 43	C 33	N 4	O 6	0
26	O3	1	Total 43	C 33	N 4	O 6	0
26	P3	1	Total 43	C 33	N 4	O 6	0
26	P3	1	Total 43	C 33	N 4	O 6	0
26	P3	1	Total 43	C 33	N 4	O 6	0
26	Q3	1	Total 43	C 33	N 4	O 6	0
26	Q3	1	Total 43	C 33	N 4	O 6	0
26	R3	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	R3	1	Total 43	C 33	N 4	O 6	0
26	R3	1	Total 43	C 33	N 4	O 6	0
26	S3	1	Total 43	C 33	N 4	O 6	0
26	S3	1	Total 43	C 33	N 4	O 6	0
26	T3	1	Total 43	C 33	N 4	O 6	0
26	T3	1	Total 43	C 33	N 4	O 6	0
26	T3	1	Total 43	C 33	N 4	O 6	0
26	U3	1	Total 43	C 33	N 4	O 6	0
26	U3	1	Total 43	C 33	N 4	O 6	0
26	V3	1	Total 43	C 33	N 4	O 6	0
26	V3	1	Total 43	C 33	N 4	O 6	0
26	V3	1	Total 43	C 33	N 4	O 6	0
26	W3	1	Total 43	C 33	N 4	O 6	0
26	W3	1	Total 43	C 33	N 4	O 6	0
26	X3	1	Total 43	C 33	N 4	O 6	0
26	X3	1	Total 43	C 33	N 4	O 6	0
26	X3	1	Total 43	C 33	N 4	O 6	0
26	Y3	1	Total 43	C 33	N 4	O 6	0
26	Y3	1	Total 43	C 33	N 4	O 6	0
26	Y3	1	Total 43	C 33	N 4	O 6	0
26	A4	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	A4	1	Total 43	C 33	N 4	O 6	0
26	B4	1	Total 43	C 33	N 4	O 6	0
26	B4	1	Total 43	C 33	N 4	O 6	0
26	B4	1	Total 43	C 33	N 4	O 6	0
26	C4	1	Total 43	C 33	N 4	O 6	0
26	C4	1	Total 43	C 33	N 4	O 6	0
26	D4	1	Total 43	C 33	N 4	O 6	0
26	D4	1	Total 43	C 33	N 4	O 6	0
26	D4	1	Total 43	C 33	N 4	O 6	0
26	E4	1	Total 43	C 33	N 4	O 6	0
26	E4	1	Total 43	C 33	N 4	O 6	0
26	F4	1	Total 43	C 33	N 4	O 6	0
26	F4	1	Total 43	C 33	N 4	O 6	0
26	F4	1	Total 43	C 33	N 4	O 6	0
26	G4	1	Total 43	C 33	N 4	O 6	0
26	G4	1	Total 43	C 33	N 4	O 6	0
26	H4	1	Total 43	C 33	N 4	O 6	0
26	H4	1	Total 43	C 33	N 4	O 6	0
26	H4	1	Total 43	C 33	N 4	O 6	0
26	I4	1	Total 43	C 33	N 4	O 6	0
26	I4	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	J4	1	Total 43	C 33	N 4	O 6	0
26	J4	1	Total 43	C 33	N 4	O 6	0
26	J4	1	Total 43	C 33	N 4	O 6	0
26	K4	1	Total 43	C 33	N 4	O 6	0
26	K4	1	Total 43	C 33	N 4	O 6	0
26	L4	1	Total 43	C 33	N 4	O 6	0
26	L4	1	Total 43	C 33	N 4	O 6	0
26	L4	1	Total 43	C 33	N 4	O 6	0
26	M4	1	Total 43	C 33	N 4	O 6	0
26	M4	1	Total 43	C 33	N 4	O 6	0
26	M4	1	Total 43	C 33	N 4	O 6	0
26	N4	1	Total 43	C 33	N 4	O 6	0
26	N4	1	Total 43	C 33	N 4	O 6	0
26	N4	1	Total 43	C 33	N 4	O 6	0
26	O4	1	Total 43	C 33	N 4	O 6	0
26	O4	1	Total 43	C 33	N 4	O 6	0
26	P4	1	Total 43	C 33	N 4	O 6	0
26	P4	1	Total 43	C 33	N 4	O 6	0
26	P4	1	Total 43	C 33	N 4	O 6	0
26	Q4	1	Total 43	C 33	N 4	O 6	0
26	Q4	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	R4	1	Total 43	C 33	N 4	O 6	0
26	R4	1	Total 43	C 33	N 4	O 6	0
26	R4	1	Total 43	C 33	N 4	O 6	0
26	S4	1	Total 43	C 33	N 4	O 6	0
26	S4	1	Total 43	C 33	N 4	O 6	0
26	T4	1	Total 43	C 33	N 4	O 6	0
26	T4	1	Total 43	C 33	N 4	O 6	0
26	T4	1	Total 43	C 33	N 4	O 6	0
26	U4	1	Total 43	C 33	N 4	O 6	0
26	U4	1	Total 43	C 33	N 4	O 6	0
26	V4	1	Total 43	C 33	N 4	O 6	0
26	V4	1	Total 43	C 33	N 4	O 6	0
26	V4	1	Total 43	C 33	N 4	O 6	0
26	W4	1	Total 43	C 33	N 4	O 6	0
26	W4	1	Total 43	C 33	N 4	O 6	0
26	X4	1	Total 43	C 33	N 4	O 6	0
26	X4	1	Total 43	C 33	N 4	O 6	0
26	X4	1	Total 43	C 33	N 4	O 6	0
26	Y4	1	Total 43	C 33	N 4	O 6	0
26	Y4	1	Total 43	C 33	N 4	O 6	0
26	Z4	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	Z4	1	Total 43	C 33	N 4	O 6	0
26	a4	1	Total 43	C 33	N 4	O 6	0
26	a4	1	Total 43	C 33	N 4	O 6	0
26	a4	1	Total 43	C 33	N 4	O 6	0
26	b4	1	Total 43	C 33	N 4	O 6	0
26	c4	1	Total 43	C 33	N 4	O 6	0
26	c4	1	Total 43	C 33	N 4	O 6	0
26	c4	1	Total 43	C 33	N 4	O 6	0
26	d4	1	Total 43	C 33	N 4	O 6	0
26	d4	1	Total 43	C 33	N 4	O 6	0
26	d4	1	Total 43	C 33	N 4	O 6	0
26	e4	1	Total 43	C 33	N 4	O 6	0
26	e4	1	Total 43	C 33	N 4	O 6	0
26	f4	1	Total 43	C 33	N 4	O 6	0
26	f4	1	Total 43	C 33	N 4	O 6	0
26	g4	1	Total 43	C 33	N 4	O 6	0
26	g4	1	Total 43	C 33	N 4	O 6	0
26	g4	1	Total 43	C 33	N 4	O 6	0
26	h4	1	Total 43	C 33	N 4	O 6	0
26	h4	1	Total 43	C 33	N 4	O 6	0
26	h4	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	i4	1	Total 43	C 33	N 4	O 6	0
26	i4	1	Total 43	C 33	N 4	O 6	0
26	j4	1	Total 43	C 33	N 4	O 6	0
26	j4	1	Total 43	C 33	N 4	O 6	0
26	k4	1	Total 43	C 33	N 4	O 6	0
26	k4	1	Total 43	C 33	N 4	O 6	0
26	k4	1	Total 43	C 33	N 4	O 6	0
26	l4	1	Total 43	C 33	N 4	O 6	0
26	l4	1	Total 43	C 33	N 4	O 6	0
26	m4	1	Total 43	C 33	N 4	O 6	0
26	m4	1	Total 43	C 33	N 4	O 6	0
26	m4	1	Total 43	C 33	N 4	O 6	0
26	n4	1	Total 43	C 33	N 4	O 6	0
26	n4	1	Total 43	C 33	N 4	O 6	0
26	p4	1	Total 43	C 33	N 4	O 6	0
26	p4	1	Total 43	C 33	N 4	O 6	0
26	q4	1	Total 43	C 33	N 4	O 6	0
26	q4	1	Total 43	C 33	N 4	O 6	0
26	q4	1	Total 43	C 33	N 4	O 6	0
26	r4	1	Total 43	C 33	N 4	O 6	0
26	r4	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	s4	1	Total 43	C 33	N 4	O 6	0
26	s4	1	Total 43	C 33	N 4	O 6	0
26	s4	1	Total 43	C 33	N 4	O 6	0
26	t4	1	Total 43	C 33	N 4	O 6	0
26	t4	1	Total 43	C 33	N 4	O 6	0
26	u4	1	Total 43	C 33	N 4	O 6	0
26	u4	1	Total 43	C 33	N 4	O 6	0
26	u4	1	Total 43	C 33	N 4	O 6	0
26	v4	1	Total 43	C 33	N 4	O 6	0
26	v4	1	Total 43	C 33	N 4	O 6	0
26	w4	1	Total 43	C 33	N 4	O 6	0
26	w4	1	Total 43	C 33	N 4	O 6	0
26	w4	1	Total 43	C 33	N 4	O 6	0
26	w4	1	Total 43	C 33	N 4	O 6	0
26	x4	1	Total 43	C 33	N 4	O 6	0
26	x4	1	Total 43	C 33	N 4	O 6	0
26	y4	1	Total 43	C 33	N 4	O 6	0
26	y4	1	Total 43	C 33	N 4	O 6	0
26	y4	1	Total 43	C 33	N 4	O 6	0
26	z4	1	Total 43	C 33	N 4	O 6	0
26	z4	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	14	1	Total 43	C 33	N 4	O 6	0
26	14	1	Total 43	C 33	N 4	O 6	0
26	14	1	Total 43	C 33	N 4	O 6	0
26	24	1	Total 43	C 33	N 4	O 6	0
26	24	1	Total 43	C 33	N 4	O 6	0
26	24	1	Total 43	C 33	N 4	O 6	0
26	A5	1	Total 43	C 33	N 4	O 6	0
26	A5	1	Total 43	C 33	N 4	O 6	0
26	B5	1	Total 43	C 33	N 4	O 6	0
26	B5	1	Total 43	C 33	N 4	O 6	0
26	B5	1	Total 43	C 33	N 4	O 6	0
26	C5	1	Total 43	C 33	N 4	O 6	0
26	C5	1	Total 43	C 33	N 4	O 6	0
26	C5	1	Total 43	C 33	N 4	O 6	0
26	C5	1	Total 43	C 33	N 4	O 6	0
26	F5	1	Total 43	C 33	N 4	O 6	0
26	F5	1	Total 43	C 33	N 4	O 6	0
26	F5	1	Total 43	C 33	N 4	O 6	0
26	G5	1	Total 43	C 33	N 4	O 6	0
26	G5	1	Total 43	C 33	N 4	O 6	0
26	G5	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	H5	1	Total 43	C 33	N 4	O 6	0
26	H5	1	Total 43	C 33	N 4	O 6	0
26	H5	1	Total 43	C 33	N 4	O 6	0
26	I5	1	Total 43	C 33	N 4	O 6	0
26	I5	1	Total 43	C 33	N 4	O 6	0
26	I5	1	Total 43	C 33	N 4	O 6	0
26	J5	1	Total 43	C 33	N 4	O 6	0
26	J5	1	Total 43	C 33	N 4	O 6	0
26	K5	1	Total 43	C 33	N 4	O 6	0
26	K5	1	Total 43	C 33	N 4	O 6	0
26	K5	1	Total 43	C 33	N 4	O 6	0
26	L5	1	Total 43	C 33	N 4	O 6	0
26	L5	1	Total 43	C 33	N 4	O 6	0
26	L5	1	Total 43	C 33	N 4	O 6	0
26	A6	1	Total 43	C 33	N 4	O 6	0
26	A6	1	Total 43	C 33	N 4	O 6	0
26	D6	1	Total 43	C 33	N 4	O 6	0
26	G6	1	Total 43	C 33	N 4	O 6	0
26	H6	1	Total 43	C 33	N 4	O 6	0
26	K6	1	Total 43	C 33	N 4	O 6	0
26	L6	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	N6	1	Total 43	C 33	N 4	O 6	0
26	O6	1	Total 43	C 33	N 4	O 6	0
26	O6	1	Total 43	C 33	N 4	O 6	0
26	O6	1	Total 43	C 33	N 4	O 6	0
26	P6	1	Total 43	C 33	N 4	O 6	0
26	P6	1	Total 43	C 33	N 4	O 6	0
26	Q6	1	Total 43	C 33	N 4	O 6	0
26	Q6	1	Total 43	C 33	N 4	O 6	0
26	Q6	1	Total 43	C 33	N 4	O 6	0
26	R6	1	Total 43	C 33	N 4	O 6	0
26	R6	1	Total 43	C 33	N 4	O 6	0
26	S6	1	Total 43	C 33	N 4	O 6	0
26	S6	1	Total 43	C 33	N 4	O 6	0
26	S6	1	Total 43	C 33	N 4	O 6	0
26	T6	1	Total 43	C 33	N 4	O 6	0
26	T6	1	Total 43	C 33	N 4	O 6	0
26	U6	1	Total 43	C 33	N 4	O 6	0
26	U6	1	Total 43	C 33	N 4	O 6	0
26	U6	1	Total 43	C 33	N 4	O 6	0
26	V6	1	Total 43	C 33	N 4	O 6	0
26	V6	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	W6	1	Total 43	C 33	N 4	O 6	0
26	W6	1	Total 43	C 33	N 4	O 6	0
26	W6	1	Total 43	C 33	N 4	O 6	0
26	Y6	1	Total 43	C 33	N 4	O 6	0
26	Y6	1	Total 43	C 33	N 4	O 6	0
26	Z6	1	Total 43	C 33	N 4	O 6	0
26	Z6	1	Total 43	C 33	N 4	O 6	0
26	Z6	1	Total 43	C 33	N 4	O 6	0
26	a6	1	Total 43	C 33	N 4	O 6	0
26	a6	1	Total 43	C 33	N 4	O 6	0
26	b6	1	Total 43	C 33	N 4	O 6	0
26	b6	1	Total 43	C 33	N 4	O 6	0
26	c6	1	Total 43	C 33	N 4	O 6	0
26	c6	1	Total 43	C 33	N 4	O 6	0
26	d6	1	Total 43	C 33	N 4	O 6	0
26	d6	1	Total 43	C 33	N 4	O 6	0
26	d6	1	Total 43	C 33	N 4	O 6	0
26	d6	1	Total 43	C 33	N 4	O 6	0
26	e6	1	Total 43	C 33	N 4	O 6	0
26	e6	1	Total 43	C 33	N 4	O 6	0
26	e6	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	f6	1	Total 43	C 33	N 4	O 6	0
26	f6	1	Total 43	C 33	N 4	O 6	0
26	f6	1	Total 43	C 33	N 4	O 6	0
26	g6	1	Total 43	C 33	N 4	O 6	0
26	g6	1	Total 43	C 33	N 4	O 6	0
26	h6	1	Total 43	C 33	N 4	O 6	0
26	h6	1	Total 43	C 33	N 4	O 6	0
26	h6	1	Total 43	C 33	N 4	O 6	0
26	i6	1	Total 43	C 33	N 4	O 6	0
26	i6	1	Total 43	C 33	N 4	O 6	0
26	j6	1	Total 43	C 33	N 4	O 6	0
26	j6	1	Total 43	C 33	N 4	O 6	0
26	k6	1	Total 43	C 33	N 4	O 6	0
26	k6	1	Total 43	C 33	N 4	O 6	0
26	l6	1	Total 43	C 33	N 4	O 6	0
26	l6	1	Total 43	C 33	N 4	O 6	0
26	l6	1	Total 43	C 33	N 4	O 6	0
26	m6	1	Total 43	C 33	N 4	O 6	0
26	m6	1	Total 43	C 33	N 4	O 6	0
26	m6	1	Total 43	C 33	N 4	O 6	0
26	A7	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	A7	1	Total 43	C 33	N 4	O 6	0
26	A7	1	Total 43	C 33	N 4	O 6	0
26	D7	1	Total 43	C 33	N 4	O 6	0
26	F7	1	Total 43	C 33	N 4	O 6	0
26	H7	1	Total 43	C 33	N 4	O 6	0
26	J7	1	Total 43	C 33	N 4	O 6	0
26	L7	1	Total 43	C 33	N 4	O 6	0
26	N7	1	Total 43	C 33	N 4	O 6	0
26	O7	1	Total 43	C 33	N 4	O 6	0
26	O7	1	Total 43	C 33	N 4	O 6	0
26	O7	1	Total 43	C 33	N 4	O 6	0
26	P7	1	Total 43	C 33	N 4	O 6	0
26	P7	1	Total 43	C 33	N 4	O 6	0
26	Q7	1	Total 43	C 33	N 4	O 6	0
26	Q7	1	Total 43	C 33	N 4	O 6	0
26	Q7	1	Total 43	C 33	N 4	O 6	0
26	R7	1	Total 43	C 33	N 4	O 6	0
26	R7	1	Total 43	C 33	N 4	O 6	0
26	S7	1	Total 43	C 33	N 4	O 6	0
26	S7	1	Total 43	C 33	N 4	O 6	0
26	S7	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	T7	1	Total 43	C 33	N 4	O 6	0
26	T7	1	Total 43	C 33	N 4	O 6	0
26	U7	1	Total 43	C 33	N 4	O 6	0
26	U7	1	Total 43	C 33	N 4	O 6	0
26	U7	1	Total 43	C 33	N 4	O 6	0
26	V7	1	Total 43	C 33	N 4	O 6	0
26	V7	1	Total 43	C 33	N 4	O 6	0
26	W7	1	Total 43	C 33	N 4	O 6	0
26	W7	1	Total 43	C 33	N 4	O 6	0
26	W7	1	Total 43	C 33	N 4	O 6	0
26	Y7	1	Total 43	C 33	N 4	O 6	0
26	Y7	1	Total 43	C 33	N 4	O 6	0
26	Z7	1	Total 43	C 33	N 4	O 6	0
26	Z7	1	Total 43	C 33	N 4	O 6	0
26	Z7	1	Total 43	C 33	N 4	O 6	0
26	a7	1	Total 43	C 33	N 4	O 6	0
26	a7	1	Total 43	C 33	N 4	O 6	0
26	b7	1	Total 43	C 33	N 4	O 6	0
26	b7	1	Total 43	C 33	N 4	O 6	0
26	b7	1	Total 43	C 33	N 4	O 6	0
26	c7	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	c7	1	Total 43	C 33	N 4	O 6	0
26	d7	1	Total 43	C 33	N 4	O 6	0
26	d7	1	Total 43	C 33	N 4	O 6	0
26	d7	1	Total 43	C 33	N 4	O 6	0
26	e7	1	Total 43	C 33	N 4	O 6	0
26	e7	1	Total 43	C 33	N 4	O 6	0
26	f7	1	Total 43	C 33	N 4	O 6	0
26	f7	1	Total 43	C 33	N 4	O 6	0
26	f7	1	Total 43	C 33	N 4	O 6	0
26	g7	1	Total 43	C 33	N 4	O 6	0
26	g7	1	Total 43	C 33	N 4	O 6	0
26	h7	1	Total 43	C 33	N 4	O 6	0
26	h7	1	Total 43	C 33	N 4	O 6	0
26	h7	1	Total 43	C 33	N 4	O 6	0
26	i7	1	Total 43	C 33	N 4	O 6	0
26	i7	1	Total 43	C 33	N 4	O 6	0
26	j7	1	Total 43	C 33	N 4	O 6	0
26	j7	1	Total 43	C 33	N 4	O 6	0
26	j7	1	Total 43	C 33	N 4	O 6	0
26	k7	1	Total 43	C 33	N 4	O 6	0
26	k7	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	l7	1	Total 43	C 33	N 4	O 6	0
26	l7	1	Total 43	C 33	N 4	O 6	0
26	l7	1	Total 43	C 33	N 4	O 6	0
26	m7	1	Total 43	C 33	N 4	O 6	0
26	m7	1	Total 43	C 33	N 4	O 6	0
26	A8	1	Total 43	C 33	N 4	O 6	0
26	A8	1	Total 43	C 33	N 4	O 6	0
26	B8	1	Total 43	C 33	N 4	O 6	0
26	C8	1	Total 43	C 33	N 4	O 6	0
26	C8	1	Total 43	C 33	N 4	O 6	0
26	C8	1	Total 43	C 33	N 4	O 6	0
26	D8	1	Total 43	C 33	N 4	O 6	0
26	D8	1	Total 43	C 33	N 4	O 6	0
26	E8	1	Total 43	C 33	N 4	O 6	0
26	E8	1	Total 43	C 33	N 4	O 6	0
26	E8	1	Total 43	C 33	N 4	O 6	0
26	F8	1	Total 43	C 33	N 4	O 6	0
26	F8	1	Total 43	C 33	N 4	O 6	0
26	G8	1	Total 43	C 33	N 4	O 6	0
26	G8	1	Total 43	C 33	N 4	O 6	0
26	G8	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	H8	1	Total 43	C 33	N 4	O 6	0
26	H8	1	Total 43	C 33	N 4	O 6	0
26	I8	1	Total 43	C 33	N 4	O 6	0
26	I8	1	Total 43	C 33	N 4	O 6	0
26	I8	1	Total 43	C 33	N 4	O 6	0
26	J8	1	Total 43	C 33	N 4	O 6	0
26	J8	1	Total 43	C 33	N 4	O 6	0
26	K8	1	Total 43	C 33	N 4	O 6	0
26	K8	1	Total 43	C 33	N 4	O 6	0
26	K8	1	Total 43	C 33	N 4	O 6	0
26	L8	1	Total 43	C 33	N 4	O 6	0
26	L8	1	Total 43	C 33	N 4	O 6	0
26	M8	1	Total 43	C 33	N 4	O 6	0
26	M8	1	Total 43	C 33	N 4	O 6	0
26	M8	1	Total 43	C 33	N 4	O 6	0
26	N8	1	Total 43	C 33	N 4	O 6	0
26	N8	1	Total 43	C 33	N 4	O 6	0
26	O8	1	Total 43	C 33	N 4	O 6	0
26	O8	1	Total 43	C 33	N 4	O 6	0
26	O8	1	Total 43	C 33	N 4	O 6	0
26	P8	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	P8	1	Total 43	C 33	N 4	O 6	0
26	Q8	1	Total 43	C 33	N 4	O 6	0
26	Q8	1	Total 43	C 33	N 4	O 6	0
26	Q8	1	Total 43	C 33	N 4	O 6	0
26	R8	1	Total 43	C 33	N 4	O 6	0
26	R8	1	Total 43	C 33	N 4	O 6	0
26	S8	1	Total 43	C 33	N 4	O 6	0
26	S8	1	Total 43	C 33	N 4	O 6	0
26	S8	1	Total 43	C 33	N 4	O 6	0
26	T8	1	Total 43	C 33	N 4	O 6	0
26	T8	1	Total 43	C 33	N 4	O 6	0
26	U8	1	Total 43	C 33	N 4	O 6	0
26	U8	1	Total 43	C 33	N 4	O 6	0
26	U8	1	Total 43	C 33	N 4	O 6	0
26	V8	1	Total 43	C 33	N 4	O 6	0
26	V8	1	Total 43	C 33	N 4	O 6	0
26	W8	1	Total 43	C 33	N 4	O 6	0
26	W8	1	Total 43	C 33	N 4	O 6	0
26	W8	1	Total 43	C 33	N 4	O 6	0
26	X8	1	Total 43	C 33	N 4	O 6	0
26	X8	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	Y8	1	Total 43	C 33	N 4	O 6	0
26	Y8	1	Total 43	C 33	N 4	O 6	0
26	Y8	1	Total 43	C 33	N 4	O 6	0
26	Z8	1	Total 43	C 33	N 4	O 6	0
26	Z8	1	Total 43	C 33	N 4	O 6	0
26	a8	1	Total 43	C 33	N 4	O 6	0
26	a8	1	Total 43	C 33	N 4	O 6	0
26	a8	1	Total 43	C 33	N 4	O 6	0
26	a8	1	Total 43	C 33	N 4	O 6	0
26	c8	1	Total 43	C 33	N 4	O 6	0
26	c8	1	Total 43	C 33	N 4	O 6	0
26	d8	1	Total 43	C 33	N 4	O 6	0
26	d8	1	Total 43	C 33	N 4	O 6	0
26	d8	1	Total 43	C 33	N 4	O 6	0
26	e8	1	Total 43	C 33	N 4	O 6	0
26	e8	1	Total 43	C 33	N 4	O 6	0
26	f8	1	Total 43	C 33	N 4	O 6	0
26	f8	1	Total 43	C 33	N 4	O 6	0
26	f8	1	Total 43	C 33	N 4	O 6	0
26	g8	1	Total 43	C 33	N 4	O 6	0
26	g8	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	h8	1	Total 43	C 33	N 4	O 6	0
26	h8	1	Total 43	C 33	N 4	O 6	0
26	h8	1	Total 43	C 33	N 4	O 6	0
26	i8	1	Total 43	C 33	N 4	O 6	0
26	i8	1	Total 43	C 33	N 4	O 6	0
26	j8	1	Total 43	C 33	N 4	O 6	0
26	j8	1	Total 43	C 33	N 4	O 6	0
26	j8	1	Total 43	C 33	N 4	O 6	0
26	k8	1	Total 43	C 33	N 4	O 6	0
26	k8	1	Total 43	C 33	N 4	O 6	0
26	l8	1	Total 43	C 33	N 4	O 6	0
26	l8	1	Total 43	C 33	N 4	O 6	0
26	l8	1	Total 43	C 33	N 4	O 6	0
26	m8	1	Total 43	C 33	N 4	O 6	0
26	m8	1	Total 43	C 33	N 4	O 6	0
26	A9	1	Total 43	C 33	N 4	O 6	0
26	A9	1	Total 43	C 33	N 4	O 6	0
26	A9	1	Total 43	C 33	N 4	O 6	0
26	B9	1	Total 43	C 33	N 4	O 6	0
26	B9	1	Total 43	C 33	N 4	O 6	0
26	B9	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	C9	1	Total 43	C 33	N 4	O 6	0
26	C9	1	Total 43	C 33	N 4	O 6	0
26	D9	1	Total 43	C 33	N 4	O 6	0
26	D9	1	Total 43	C 33	N 4	O 6	0
26	D9	1	Total 43	C 33	N 4	O 6	0
26	E9	1	Total 43	C 33	N 4	O 6	0
26	E9	1	Total 43	C 33	N 4	O 6	0
26	F9	1	Total 43	C 33	N 4	O 6	0
26	F9	1	Total 43	C 33	N 4	O 6	0
26	F9	1	Total 43	C 33	N 4	O 6	0
26	G9	1	Total 43	C 33	N 4	O 6	0
26	G9	1	Total 43	C 33	N 4	O 6	0
26	H9	1	Total 43	C 33	N 4	O 6	0
26	H9	1	Total 43	C 33	N 4	O 6	0
26	H9	1	Total 43	C 33	N 4	O 6	0
26	I9	1	Total 43	C 33	N 4	O 6	0
26	I9	1	Total 43	C 33	N 4	O 6	0
26	J9	1	Total 43	C 33	N 4	O 6	0
26	J9	1	Total 43	C 33	N 4	O 6	0
26	J9	1	Total 43	C 33	N 4	O 6	0
26	K9	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	K9	1	Total 43	C 33	N 4	O 6	0
26	L9	1	Total 43	C 33	N 4	O 6	0
26	L9	1	Total 43	C 33	N 4	O 6	0
26	L9	1	Total 43	C 33	N 4	O 6	0
26	M9	1	Total 43	C 33	N 4	O 6	0
26	M9	1	Total 43	C 33	N 4	O 6	0
26	N9	1	Total 43	C 33	N 4	O 6	0
26	N9	1	Total 43	C 33	N 4	O 6	0
26	N9	1	Total 43	C 33	N 4	O 6	0
26	O9	1	Total 43	C 33	N 4	O 6	0
26	O9	1	Total 43	C 33	N 4	O 6	0
26	P9	1	Total 43	C 33	N 4	O 6	0
26	P9	1	Total 43	C 33	N 4	O 6	0
26	P9	1	Total 43	C 33	N 4	O 6	0
26	Q9	1	Total 43	C 33	N 4	O 6	0
26	Q9	1	Total 43	C 33	N 4	O 6	0
26	R9	1	Total 43	C 33	N 4	O 6	0
26	R9	1	Total 43	C 33	N 4	O 6	0
26	R9	1	Total 43	C 33	N 4	O 6	0
26	S9	1	Total 43	C 33	N 4	O 6	0
26	S9	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	T9	1	Total 43	C 33	N 4	O 6	0
26	T9	1	Total 43	C 33	N 4	O 6	0
26	T9	1	Total 43	C 33	N 4	O 6	0
26	U9	1	Total 43	C 33	N 4	O 6	0
26	U9	1	Total 43	C 33	N 4	O 6	0
26	V9	1	Total 43	C 33	N 4	O 6	0
26	V9	1	Total 43	C 33	N 4	O 6	0
26	V9	1	Total 43	C 33	N 4	O 6	0
26	W9	1	Total 43	C 33	N 4	O 6	0
26	W9	1	Total 43	C 33	N 4	O 6	0
26	X9	1	Total 43	C 33	N 4	O 6	0
26	X9	1	Total 43	C 33	N 4	O 6	0
26	X9	1	Total 43	C 33	N 4	O 6	0
26	Y9	1	Total 43	C 33	N 4	O 6	0
26	Y9	1	Total 43	C 33	N 4	O 6	0
26	AA	1	Total 43	C 33	N 4	O 6	0
26	AA	1	Total 43	C 33	N 4	O 6	0
26	BA	1	Total 43	C 33	N 4	O 6	0
26	CA	1	Total 43	C 33	N 4	O 6	0
26	CA	1	Total 43	C 33	N 4	O 6	0
26	CA	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	DA	1	Total 43	C 33	N 4	O 6	0
26	DA	1	Total 43	C 33	N 4	O 6	0
26	EA	1	Total 43	C 33	N 4	O 6	0
26	EA	1	Total 43	C 33	N 4	O 6	0
26	EA	1	Total 43	C 33	N 4	O 6	0
26	FA	1	Total 43	C 33	N 4	O 6	0
26	FA	1	Total 43	C 33	N 4	O 6	0
26	GA	1	Total 43	C 33	N 4	O 6	0
26	GA	1	Total 43	C 33	N 4	O 6	0
26	GA	1	Total 43	C 33	N 4	O 6	0
26	HA	1	Total 43	C 33	N 4	O 6	0
26	HA	1	Total 43	C 33	N 4	O 6	0
26	IA	1	Total 43	C 33	N 4	O 6	0
26	IA	1	Total 43	C 33	N 4	O 6	0
26	IA	1	Total 43	C 33	N 4	O 6	0
26	JA	1	Total 43	C 33	N 4	O 6	0
26	JA	1	Total 43	C 33	N 4	O 6	0
26	KA	1	Total 43	C 33	N 4	O 6	0
26	KA	1	Total 43	C 33	N 4	O 6	0
26	KA	1	Total 43	C 33	N 4	O 6	0
26	LA	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	LA	1	Total 43	C 33	N 4	O 6	0
26	MA	1	Total 43	C 33	N 4	O 6	0
26	MA	1	Total 43	C 33	N 4	O 6	0
26	MA	1	Total 43	C 33	N 4	O 6	0
26	NA	1	Total 43	C 33	N 4	O 6	0
26	NA	1	Total 43	C 33	N 4	O 6	0
26	OA	1	Total 43	C 33	N 4	O 6	0
26	OA	1	Total 43	C 33	N 4	O 6	0
26	OA	1	Total 43	C 33	N 4	O 6	0
26	PA	1	Total 43	C 33	N 4	O 6	0
26	PA	1	Total 43	C 33	N 4	O 6	0
26	QA	1	Total 43	C 33	N 4	O 6	0
26	QA	1	Total 43	C 33	N 4	O 6	0
26	QA	1	Total 43	C 33	N 4	O 6	0
26	RA	1	Total 43	C 33	N 4	O 6	0
26	RA	1	Total 43	C 33	N 4	O 6	0
26	SA	1	Total 43	C 33	N 4	O 6	0
26	SA	1	Total 43	C 33	N 4	O 6	0
26	SA	1	Total 43	C 33	N 4	O 6	0
26	TA	1	Total 43	C 33	N 4	O 6	0
26	TA	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	UA	1	Total 43	C 33	N 4	O 6	0
26	UA	1	Total 43	C 33	N 4	O 6	0
26	UA	1	Total 43	C 33	N 4	O 6	0
26	VA	1	Total 43	C 33	N 4	O 6	0
26	VA	1	Total 43	C 33	N 4	O 6	0
26	WA	1	Total 43	C 33	N 4	O 6	0
26	WA	1	Total 43	C 33	N 4	O 6	0
26	WA	1	Total 43	C 33	N 4	O 6	0
26	XA	1	Total 43	C 33	N 4	O 6	0
26	XA	1	Total 43	C 33	N 4	O 6	0
26	YA	1	Total 43	C 33	N 4	O 6	0
26	YA	1	Total 43	C 33	N 4	O 6	0
26	YA	1	Total 43	C 33	N 4	O 6	0
26	ZA	1	Total 43	C 33	N 4	O 6	0
26	ZA	1	Total 43	C 33	N 4	O 6	0
26	aA	1	Total 43	C 33	N 4	O 6	0
26	aA	1	Total 43	C 33	N 4	O 6	0
26	aA	1	Total 43	C 33	N 4	O 6	0
26	aA	1	Total 43	C 33	N 4	O 6	0
26	cA	1	Total 43	C 33	N 4	O 6	0
26	cA	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	cA	1	Total 43	C 33	N 4	O 6	0
26	dA	1	Total 43	C 33	N 4	O 6	0
26	eA	1	Total 43	C 33	N 4	O 6	0
26	eA	1	Total 43	C 33	N 4	O 6	0
26	fA	1	Total 43	C 33	N 4	O 6	0
26	fA	1	Total 43	C 33	N 4	O 6	0
26	fA	1	Total 43	C 33	N 4	O 6	0
26	gA	1	Total 43	C 33	N 4	O 6	0
26	gA	1	Total 43	C 33	N 4	O 6	0
26	hA	1	Total 43	C 33	N 4	O 6	0
26	hA	1	Total 43	C 33	N 4	O 6	0
26	hA	1	Total 43	C 33	N 4	O 6	0
26	iA	1	Total 43	C 33	N 4	O 6	0
26	iA	1	Total 43	C 33	N 4	O 6	0
26	jA	1	Total 43	C 33	N 4	O 6	0
26	jA	1	Total 43	C 33	N 4	O 6	0
26	jA	1	Total 43	C 33	N 4	O 6	0
26	kA	1	Total 43	C 33	N 4	O 6	0
26	kA	1	Total 43	C 33	N 4	O 6	0
26	lA	1	Total 43	C 33	N 4	O 6	0
26	lA	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	lA	1	Total 43	C 33	N 4	O 6	0
26	mA	1	Total 43	C 33	N 4	O 6	0
26	mA	1	Total 43	C 33	N 4	O 6	0
26	AB	1	Total 43	C 33	N 4	O 6	0
26	AB	1	Total 43	C 33	N 4	O 6	0
26	DB	1	Total 43	C 33	N 4	O 6	0
26	GB	1	Total 43	C 33	N 4	O 6	0
26	HB	1	Total 43	C 33	N 4	O 6	0
26	KB	1	Total 43	C 33	N 4	O 6	0
26	LB	1	Total 43	C 33	N 4	O 6	0
26	NB	1	Total 43	C 33	N 4	O 6	0
26	OB	1	Total 43	C 33	N 4	O 6	0
26	OB	1	Total 43	C 33	N 4	O 6	0
26	OB	1	Total 43	C 33	N 4	O 6	0
26	PB	1	Total 43	C 33	N 4	O 6	0
26	PB	1	Total 43	C 33	N 4	O 6	0
26	QB	1	Total 43	C 33	N 4	O 6	0
26	QB	1	Total 43	C 33	N 4	O 6	0
26	QB	1	Total 43	C 33	N 4	O 6	0
26	RB	1	Total 43	C 33	N 4	O 6	0
26	RB	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	SB	1	Total 43	C 33	N 4	O 6	0
26	SB	1	Total 43	C 33	N 4	O 6	0
26	SB	1	Total 43	C 33	N 4	O 6	0
26	TB	1	Total 43	C 33	N 4	O 6	0
26	TB	1	Total 43	C 33	N 4	O 6	0
26	UB	1	Total 43	C 33	N 4	O 6	0
26	UB	1	Total 43	C 33	N 4	O 6	0
26	UB	1	Total 43	C 33	N 4	O 6	0
26	VB	1	Total 43	C 33	N 4	O 6	0
26	VB	1	Total 43	C 33	N 4	O 6	0
26	WB	1	Total 43	C 33	N 4	O 6	0
26	WB	1	Total 43	C 33	N 4	O 6	0
26	WB	1	Total 43	C 33	N 4	O 6	0
26	YB	1	Total 43	C 33	N 4	O 6	0
26	YB	1	Total 43	C 33	N 4	O 6	0
26	ZB	1	Total 43	C 33	N 4	O 6	0
26	ZB	1	Total 43	C 33	N 4	O 6	0
26	ZB	1	Total 43	C 33	N 4	O 6	0
26	aB	1	Total 43	C 33	N 4	O 6	0
26	aB	1	Total 43	C 33	N 4	O 6	0
26	bB	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	bB	1	Total 43	C 33	N 4	O 6	0
26	cB	1	Total 43	C 33	N 4	O 6	0
26	cB	1	Total 43	C 33	N 4	O 6	0
26	dB	1	Total 43	C 33	N 4	O 6	0
26	dB	1	Total 43	C 33	N 4	O 6	0
26	dB	1	Total 43	C 33	N 4	O 6	0
26	dB	1	Total 43	C 33	N 4	O 6	0
26	eB	1	Total 43	C 33	N 4	O 6	0
26	eB	1	Total 43	C 33	N 4	O 6	0
26	eB	1	Total 43	C 33	N 4	O 6	0
26	fB	1	Total 43	C 33	N 4	O 6	0
26	fB	1	Total 43	C 33	N 4	O 6	0
26	fB	1	Total 43	C 33	N 4	O 6	0
26	gB	1	Total 43	C 33	N 4	O 6	0
26	gB	1	Total 43	C 33	N 4	O 6	0
26	hB	1	Total 43	C 33	N 4	O 6	0
26	hB	1	Total 43	C 33	N 4	O 6	0
26	hB	1	Total 43	C 33	N 4	O 6	0
26	iB	1	Total 43	C 33	N 4	O 6	0
26	iB	1	Total 43	C 33	N 4	O 6	0
26	jB	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	jB	1	Total 43	C 33	N 4	O 6	0
26	kB	1	Total 43	C 33	N 4	O 6	0
26	kB	1	Total 43	C 33	N 4	O 6	0
26	lB	1	Total 43	C 33	N 4	O 6	0
26	lB	1	Total 43	C 33	N 4	O 6	0
26	lB	1	Total 43	C 33	N 4	O 6	0
26	mB	1	Total 43	C 33	N 4	O 6	0
26	mB	1	Total 43	C 33	N 4	O 6	0
26	mB	1	Total 43	C 33	N 4	O 6	0
26	AC	1	Total 43	C 33	N 4	O 6	0
26	AC	1	Total 43	C 33	N 4	O 6	0
26	AC	1	Total 43	C 33	N 4	O 6	0
26	BC	1	Total 43	C 33	N 4	O 6	0
26	BC	1	Total 43	C 33	N 4	O 6	0
26	BC	1	Total 43	C 33	N 4	O 6	0
26	CC	1	Total 43	C 33	N 4	O 6	0
26	CC	1	Total 43	C 33	N 4	O 6	0
26	CC	1	Total 43	C 33	N 4	O 6	0
26	FC	1	Total 43	C 33	N 4	O 6	0
26	FC	1	Total 43	C 33	N 4	O 6	0
26	FC	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	GC	1	Total 43	C 33	N 4	O 6	0
26	GC	1	Total 43	C 33	N 4	O 6	0
26	GC	1	Total 43	C 33	N 4	O 6	0
26	HC	1	Total 43	C 33	N 4	O 6	0
26	HC	1	Total 43	C 33	N 4	O 6	0
26	HC	1	Total 43	C 33	N 4	O 6	0
26	IC	1	Total 43	C 33	N 4	O 6	0
26	IC	1	Total 43	C 33	N 4	O 6	0
26	IC	1	Total 43	C 33	N 4	O 6	0
26	JC	1	Total 43	C 33	N 4	O 6	0
26	JC	1	Total 43	C 33	N 4	O 6	0
26	KC	1	Total 43	C 33	N 4	O 6	0
26	KC	1	Total 43	C 33	N 4	O 6	0
26	KC	1	Total 43	C 33	N 4	O 6	0
26	LC	1	Total 43	C 33	N 4	O 6	0
26	LC	1	Total 43	C 33	N 4	O 6	0
26	LC	1	Total 43	C 33	N 4	O 6	0
26	eD	1	Total 43	C 33	N 4	O 6	0
26	AD	1	Total 43	C 33	N 4	O 6	0
26	AD	1	Total 43	C 33	N 4	O 6	0
26	BD	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	BD	1	Total 43	C 33	N 4	O 6	0
26	BD	1	Total 43	C 33	N 4	O 6	0
26	CD	1	Total 43	C 33	N 4	O 6	0
26	CD	1	Total 43	C 33	N 4	O 6	0
26	DD	1	Total 43	C 33	N 4	O 6	0
26	DD	1	Total 43	C 33	N 4	O 6	0
26	DD	1	Total 43	C 33	N 4	O 6	0
26	ED	1	Total 43	C 33	N 4	O 6	0
26	ED	1	Total 43	C 33	N 4	O 6	0
26	FD	1	Total 43	C 33	N 4	O 6	0
26	FD	1	Total 43	C 33	N 4	O 6	0
26	FD	1	Total 43	C 33	N 4	O 6	0
26	GD	1	Total 43	C 33	N 4	O 6	0
26	GD	1	Total 43	C 33	N 4	O 6	0
26	HD	1	Total 43	C 33	N 4	O 6	0
26	HD	1	Total 43	C 33	N 4	O 6	0
26	HD	1	Total 43	C 33	N 4	O 6	0
26	ID	1	Total 43	C 33	N 4	O 6	0
26	ID	1	Total 43	C 33	N 4	O 6	0
26	JD	1	Total 43	C 33	N 4	O 6	0
26	JD	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	JD	1	Total 43	C 33	N 4	O 6	0
26	KD	1	Total 43	C 33	N 4	O 6	0
26	KD	1	Total 43	C 33	N 4	O 6	0
26	LD	1	Total 43	C 33	N 4	O 6	0
26	LD	1	Total 43	C 33	N 4	O 6	0
26	LD	1	Total 43	C 33	N 4	O 6	0
26	MD	1	Total 43	C 33	N 4	O 6	0
26	MD	1	Total 43	C 33	N 4	O 6	0
26	ND	1	Total 43	C 33	N 4	O 6	0
26	ND	1	Total 43	C 33	N 4	O 6	0
26	ND	1	Total 43	C 33	N 4	O 6	0
26	OD	1	Total 43	C 33	N 4	O 6	0
26	OD	1	Total 43	C 33	N 4	O 6	0
26	PD	1	Total 43	C 33	N 4	O 6	0
26	PD	1	Total 43	C 33	N 4	O 6	0
26	PD	1	Total 43	C 33	N 4	O 6	0
26	QD	1	Total 43	C 33	N 4	O 6	0
26	QD	1	Total 43	C 33	N 4	O 6	0
26	RD	1	Total 43	C 33	N 4	O 6	0
26	RD	1	Total 43	C 33	N 4	O 6	0
26	RD	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	SD	1	Total 43	C 33	N 4	O 6	0
26	SD	1	Total 43	C 33	N 4	O 6	0
26	TD	1	Total 43	C 33	N 4	O 6	0
26	TD	1	Total 43	C 33	N 4	O 6	0
26	TD	1	Total 43	C 33	N 4	O 6	0
26	UD	1	Total 43	C 33	N 4	O 6	0
26	UD	1	Total 43	C 33	N 4	O 6	0
26	VD	1	Total 43	C 33	N 4	O 6	0
26	VD	1	Total 43	C 33	N 4	O 6	0
26	VD	1	Total 43	C 33	N 4	O 6	0
26	WD	1	Total 43	C 33	N 4	O 6	0
26	WD	1	Total 43	C 33	N 4	O 6	0
26	XD	1	Total 43	C 33	N 4	O 6	0
26	XD	1	Total 43	C 33	N 4	O 6	0
26	XD	1	Total 43	C 33	N 4	O 6	0
26	YD	1	Total 43	C 33	N 4	O 6	0
26	YD	1	Total 43	C 33	N 4	O 6	0
26	YD	1	Total 43	C 33	N 4	O 6	0
26	AE	1	Total 43	C 33	N 4	O 6	0
26	AE	1	Total 43	C 33	N 4	O 6	0
26	BE	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	BE	1	Total 43	C 33	N 4	O 6	0
26	CE	1	Total 43	C 33	N 4	O 6	0
26	CE	1	Total 43	C 33	N 4	O 6	0
26	CE	1	Total 43	C 33	N 4	O 6	0
26	DE	1	Total 43	C 33	N 4	O 6	0
26	DE	1	Total 43	C 33	N 4	O 6	0
26	DE	1	Total 43	C 33	N 4	O 6	0
26	EE	1	Total 43	C 33	N 4	O 6	0
26	EE	1	Total 43	C 33	N 4	O 6	0
26	FE	1	Total 43	C 33	N 4	O 6	0
26	FE	1	Total 43	C 33	N 4	O 6	0
26	GE	1	Total 43	C 33	N 4	O 6	0
26	GE	1	Total 43	C 33	N 4	O 6	0
26	GE	1	Total 43	C 33	N 4	O 6	0
26	HE	1	Total 43	C 33	N 4	O 6	0
26	HE	1	Total 43	C 33	N 4	O 6	0
26	IE	1	Total 43	C 33	N 4	O 6	0
26	IE	1	Total 43	C 33	N 4	O 6	0
26	IE	1	Total 43	C 33	N 4	O 6	0
26	JE	1	Total 43	C 33	N 4	O 6	0
26	JE	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	KE	1	Total 43	C 33	N 4	O 6	0
26	KE	1	Total 43	C 33	N 4	O 6	0
26	KE	1	Total 43	C 33	N 4	O 6	0
26	LE	1	Total 43	C 33	N 4	O 6	0
26	LE	1	Total 43	C 33	N 4	O 6	0
26	ME	1	Total 43	C 33	N 4	O 6	0
26	ME	1	Total 43	C 33	N 4	O 6	0
26	ME	1	Total 43	C 33	N 4	O 6	0
26	NE	1	Total 43	C 33	N 4	O 6	0
26	NE	1	Total 43	C 33	N 4	O 6	0
26	OE	1	Total 43	C 33	N 4	O 6	0
26	OE	1	Total 43	C 33	N 4	O 6	0
26	OE	1	Total 43	C 33	N 4	O 6	0
26	PE	1	Total 43	C 33	N 4	O 6	0
26	PE	1	Total 43	C 33	N 4	O 6	0
26	QE	1	Total 43	C 33	N 4	O 6	0
26	QE	1	Total 43	C 33	N 4	O 6	0
26	QE	1	Total 43	C 33	N 4	O 6	0
26	RE	1	Total 43	C 33	N 4	O 6	0
26	RE	1	Total 43	C 33	N 4	O 6	0
26	SE	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	SE	1	Total 43	C 33	N 4	O 6	0
26	SE	1	Total 43	C 33	N 4	O 6	0
26	TE	1	Total 43	C 33	N 4	O 6	0
26	TE	1	Total 43	C 33	N 4	O 6	0
26	UE	1	Total 43	C 33	N 4	O 6	0
26	UE	1	Total 43	C 33	N 4	O 6	0
26	UE	1	Total 43	C 33	N 4	O 6	0
26	VE	1	Total 43	C 33	N 4	O 6	0
26	VE	1	Total 43	C 33	N 4	O 6	0
26	WE	1	Total 43	C 33	N 4	O 6	0
26	WE	1	Total 43	C 33	N 4	O 6	0
26	WE	1	Total 43	C 33	N 4	O 6	0
26	XE	1	Total 43	C 33	N 4	O 6	0
26	XE	1	Total 43	C 33	N 4	O 6	0
26	YE	1	Total 43	C 33	N 4	O 6	0
26	YE	1	Total 43	C 33	N 4	O 6	0
26	YE	1	Total 43	C 33	N 4	O 6	0
26	ZE	1	Total 43	C 33	N 4	O 6	0
26	ZE	1	Total 43	C 33	N 4	O 6	0
26	aE	1	Total 43	C 33	N 4	O 6	0
26	aE	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	aE	1	Total 43	C 33	N 4	O 6	0
26	bE	1	Total 43	C 33	N 4	O 6	0
26	bE	1	Total 43	C 33	N 4	O 6	0
26	cE	1	Total 43	C 33	N 4	O 6	0
26	cE	1	Total 43	C 33	N 4	O 6	0
26	cE	1	Total 43	C 33	N 4	O 6	0
26	dE	1	Total 43	C 33	N 4	O 6	0
26	dE	1	Total 43	C 33	N 4	O 6	0
26	eE	1	Total 43	C 33	N 4	O 6	0
26	eE	1	Total 43	C 33	N 4	O 6	0
26	eE	1	Total 43	C 33	N 4	O 6	0
26	fE	1	Total 43	C 33	N 4	O 6	0
26	fE	1	Total 43	C 33	N 4	O 6	0
26	gE	1	Total 43	C 33	N 4	O 6	0
26	gE	1	Total 43	C 33	N 4	O 6	0
26	gE	1	Total 43	C 33	N 4	O 6	0
26	hE	1	Total 43	C 33	N 4	O 6	0
26	hE	1	Total 43	C 33	N 4	O 6	0
26	iE	1	Total 43	C 33	N 4	O 6	0
26	iE	1	Total 43	C 33	N 4	O 6	0
26	iE	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	jE	1	Total 43	C 33	N 4	O 6	0
26	jE	1	Total 43	C 33	N 4	O 6	0
26	kE	1	Total 43	C 33	N 4	O 6	0
26	kE	1	Total 43	C 33	N 4	O 6	0
26	kE	1	Total 43	C 33	N 4	O 6	0
26	lE	1	Total 43	C 33	N 4	O 6	0
26	lE	1	Total 43	C 33	N 4	O 6	0
26	mE	1	Total 43	C 33	N 4	O 6	0
26	mE	1	Total 43	C 33	N 4	O 6	0
26	mE	1	Total 43	C 33	N 4	O 6	0
26	nE	1	Total 43	C 33	N 4	O 6	0
26	nE	1	Total 43	C 33	N 4	O 6	0
26	oE	1	Total 43	C 33	N 4	O 6	0
26	oE	1	Total 43	C 33	N 4	O 6	0
26	oE	1	Total 43	C 33	N 4	O 6	0
26	pE	1	Total 43	C 33	N 4	O 6	0
26	pE	1	Total 43	C 33	N 4	O 6	0
26	qE	1	Total 43	C 33	N 4	O 6	0
26	qE	1	Total 43	C 33	N 4	O 6	0
26	qE	1	Total 43	C 33	N 4	O 6	0
26	rE	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	rE	1	Total 43	C 33	N 4	O 6	0
26	sE	1	Total 43	C 33	N 4	O 6	0
26	sE	1	Total 43	C 33	N 4	O 6	0
26	sE	1	Total 43	C 33	N 4	O 6	0
26	tE	1	Total 43	C 33	N 4	O 6	0
26	tE	1	Total 43	C 33	N 4	O 6	0
26	uE	1	Total 43	C 33	N 4	O 6	0
26	uE	1	Total 43	C 33	N 4	O 6	0
26	uE	1	Total 43	C 33	N 4	O 6	0
26	vE	1	Total 43	C 33	N 4	O 6	0
26	vE	1	Total 43	C 33	N 4	O 6	0
26	wE	1	Total 43	C 33	N 4	O 6	0
26	wE	1	Total 43	C 33	N 4	O 6	0
26	wE	1	Total 43	C 33	N 4	O 6	0
26	xE	1	Total 43	C 33	N 4	O 6	0
26	xE	1	Total 43	C 33	N 4	O 6	0
26	xE	1	Total 43	C 33	N 4	O 6	0
26	yE	1	Total 43	C 33	N 4	O 6	0
26	zE	1	Total 43	C 33	N 4	O 6	0
26	AF	1	Total 43	C 33	N 4	O 6	0
26	AF	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	AF	1	Total 43	C 33	N 4	O 6	0
26	DF	1	Total 43	C 33	N 4	O 6	0
26	FF	1	Total 43	C 33	N 4	O 6	0
26	HF	1	Total 43	C 33	N 4	O 6	0
26	JF	1	Total 43	C 33	N 4	O 6	0
26	LF	1	Total 43	C 33	N 4	O 6	0
26	NF	1	Total 43	C 33	N 4	O 6	0
26	OF	1	Total 43	C 33	N 4	O 6	0
26	OF	1	Total 43	C 33	N 4	O 6	0
26	OF	1	Total 43	C 33	N 4	O 6	0
26	PF	1	Total 43	C 33	N 4	O 6	0
26	PF	1	Total 43	C 33	N 4	O 6	0
26	QF	1	Total 43	C 33	N 4	O 6	0
26	QF	1	Total 43	C 33	N 4	O 6	0
26	QF	1	Total 43	C 33	N 4	O 6	0
26	RF	1	Total 43	C 33	N 4	O 6	0
26	RF	1	Total 43	C 33	N 4	O 6	0
26	SF	1	Total 43	C 33	N 4	O 6	0
26	SF	1	Total 43	C 33	N 4	O 6	0
26	TF	1	Total 43	C 33	N 4	O 6	0
26	TF	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	UF	1	Total 43	C 33	N 4	O 6	0
26	UF	1	Total 43	C 33	N 4	O 6	0
26	UF	1	Total 43	C 33	N 4	O 6	0
26	VF	1	Total 43	C 33	N 4	O 6	0
26	VF	1	Total 43	C 33	N 4	O 6	0
26	VF	1	Total 43	C 33	N 4	O 6	0
26	WF	1	Total 43	C 33	N 4	O 6	0
26	WF	1	Total 43	C 33	N 4	O 6	0
26	WF	1	Total 43	C 33	N 4	O 6	0
26	YF	1	Total 43	C 33	N 4	O 6	0
26	YF	1	Total 43	C 33	N 4	O 6	0
26	ZF	1	Total 43	C 33	N 4	O 6	0
26	ZF	1	Total 43	C 33	N 4	O 6	0
26	ZF	1	Total 43	C 33	N 4	O 6	0
26	aF	1	Total 43	C 33	N 4	O 6	0
26	aF	1	Total 43	C 33	N 4	O 6	0
26	bF	1	Total 43	C 33	N 4	O 6	0
26	bF	1	Total 43	C 33	N 4	O 6	0
26	bF	1	Total 43	C 33	N 4	O 6	0
26	cF	1	Total 43	C 33	N 4	O 6	0
26	cF	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	dF	1	Total 43	C 33	N 4	O 6	0
26	dF	1	Total 43	C 33	N 4	O 6	0
26	dF	1	Total 43	C 33	N 4	O 6	0
26	eF	1	Total 43	C 33	N 4	O 6	0
26	eF	1	Total 43	C 33	N 4	O 6	0
26	fF	1	Total 43	C 33	N 4	O 6	0
26	fF	1	Total 43	C 33	N 4	O 6	0
26	fF	1	Total 43	C 33	N 4	O 6	0
26	gF	1	Total 43	C 33	N 4	O 6	0
26	gF	1	Total 43	C 33	N 4	O 6	0
26	hF	1	Total 43	C 33	N 4	O 6	0
26	hF	1	Total 43	C 33	N 4	O 6	0
26	hF	1	Total 43	C 33	N 4	O 6	0
26	iF	1	Total 43	C 33	N 4	O 6	0
26	iF	1	Total 43	C 33	N 4	O 6	0
26	jF	1	Total 43	C 33	N 4	O 6	0
26	jF	1	Total 43	C 33	N 4	O 6	0
26	jF	1	Total 43	C 33	N 4	O 6	0
26	kF	1	Total 43	C 33	N 4	O 6	0
26	kF	1	Total 43	C 33	N 4	O 6	0
26	lF	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	lF	1	Total 43	C 33	N 4	O 6	0
26	lF	1	Total 43	C 33	N 4	O 6	0
26	mF	1	Total 43	C 33	N 4	O 6	0
26	mF	1	Total 43	C 33	N 4	O 6	0
26	AG	1	Total 43	C 33	N 4	O 6	0
26	AG	1	Total 43	C 33	N 4	O 6	0
26	BG	1	Total 43	C 33	N 4	O 6	0
26	BG	1	Total 43	C 33	N 4	O 6	0
26	CG	1	Total 43	C 33	N 4	O 6	0
26	CG	1	Total 43	C 33	N 4	O 6	0
26	CG	1	Total 43	C 33	N 4	O 6	0
26	DG	1	Total 43	C 33	N 4	O 6	0
26	DG	1	Total 43	C 33	N 4	O 6	0
26	DG	1	Total 43	C 33	N 4	O 6	0
26	EG	1	Total 43	C 33	N 4	O 6	0
26	EG	1	Total 43	C 33	N 4	O 6	0
26	FG	1	Total 43	C 33	N 4	O 6	0
26	FG	1	Total 43	C 33	N 4	O 6	0
26	GG	1	Total 43	C 33	N 4	O 6	0
26	GG	1	Total 43	C 33	N 4	O 6	0
26	GG	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	HG	1	Total 43	C 33	N 4	O 6	0
26	HG	1	Total 43	C 33	N 4	O 6	0
26	IG	1	Total 43	C 33	N 4	O 6	0
26	IG	1	Total 43	C 33	N 4	O 6	0
26	IG	1	Total 43	C 33	N 4	O 6	0
26	JG	1	Total 43	C 33	N 4	O 6	0
26	JG	1	Total 43	C 33	N 4	O 6	0
26	KG	1	Total 43	C 33	N 4	O 6	0
26	KG	1	Total 43	C 33	N 4	O 6	0
26	KG	1	Total 43	C 33	N 4	O 6	0
26	LG	1	Total 43	C 33	N 4	O 6	0
26	LG	1	Total 43	C 33	N 4	O 6	0
26	MG	1	Total 43	C 33	N 4	O 6	0
26	MG	1	Total 43	C 33	N 4	O 6	0
26	MG	1	Total 43	C 33	N 4	O 6	0
26	NG	1	Total 43	C 33	N 4	O 6	0
26	NG	1	Total 43	C 33	N 4	O 6	0
26	OG	1	Total 43	C 33	N 4	O 6	0
26	OG	1	Total 43	C 33	N 4	O 6	0
26	OG	1	Total 43	C 33	N 4	O 6	0
26	PG	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	PG	1	Total 43	C 33	N 4	O 6	0
26	QG	1	Total 43	C 33	N 4	O 6	0
26	QG	1	Total 43	C 33	N 4	O 6	0
26	QG	1	Total 43	C 33	N 4	O 6	0
26	RG	1	Total 43	C 33	N 4	O 6	0
26	RG	1	Total 43	C 33	N 4	O 6	0
26	SG	1	Total 43	C 33	N 4	O 6	0
26	SG	1	Total 43	C 33	N 4	O 6	0
26	SG	1	Total 43	C 33	N 4	O 6	0
26	TG	1	Total 43	C 33	N 4	O 6	0
26	TG	1	Total 43	C 33	N 4	O 6	0
26	UG	1	Total 43	C 33	N 4	O 6	0
26	UG	1	Total 43	C 33	N 4	O 6	0
26	VG	1	Total 43	C 33	N 4	O 6	0
26	VG	1	Total 43	C 33	N 4	O 6	0
26	WG	1	Total 43	C 33	N 4	O 6	0
26	WG	1	Total 43	C 33	N 4	O 6	0
26	WG	1	Total 43	C 33	N 4	O 6	0
26	XG	1	Total 43	C 33	N 4	O 6	0
26	XG	1	Total 43	C 33	N 4	O 6	0
26	XG	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	YG	1	Total 43	C 33	N 4	O 6	0
26	YG	1	Total 43	C 33	N 4	O 6	0
26	YG	1	Total 43	C 33	N 4	O 6	0
26	ZG	1	Total 43	C 33	N 4	O 6	0
26	ZG	1	Total 43	C 33	N 4	O 6	0
26	aG	1	Total 43	C 33	N 4	O 6	0
26	aG	1	Total 43	C 33	N 4	O 6	0
26	aG	1	Total 43	C 33	N 4	O 6	0
26	bG	1	Total 43	C 33	N 4	O 6	0
26	bG	1	Total 43	C 33	N 4	O 6	0
26	cG	1	Total 43	C 33	N 4	O 6	0
26	cG	1	Total 43	C 33	N 4	O 6	0
26	cG	1	Total 43	C 33	N 4	O 6	0
26	dG	1	Total 43	C 33	N 4	O 6	0
26	dG	1	Total 43	C 33	N 4	O 6	0
26	eG	1	Total 43	C 33	N 4	O 6	0
26	eG	1	Total 43	C 33	N 4	O 6	0
26	eG	1	Total 43	C 33	N 4	O 6	0
26	fG	1	Total 43	C 33	N 4	O 6	0
26	fG	1	Total 43	C 33	N 4	O 6	0
26	gG	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	gG	1	Total 43	C 33	N 4	O 6	0
26	gG	1	Total 43	C 33	N 4	O 6	0
26	hG	1	Total 43	C 33	N 4	O 6	0
26	hG	1	Total 43	C 33	N 4	O 6	0
26	iG	1	Total 43	C 33	N 4	O 6	0
26	iG	1	Total 43	C 33	N 4	O 6	0
26	iG	1	Total 43	C 33	N 4	O 6	0
26	jG	1	Total 43	C 33	N 4	O 6	0
26	jG	1	Total 43	C 33	N 4	O 6	0
26	kG	1	Total 43	C 33	N 4	O 6	0
26	kG	1	Total 43	C 33	N 4	O 6	0
26	kG	1	Total 43	C 33	N 4	O 6	0
26	lG	1	Total 43	C 33	N 4	O 6	0
26	lG	1	Total 43	C 33	N 4	O 6	0
26	mG	1	Total 43	C 33	N 4	O 6	0
26	mG	1	Total 43	C 33	N 4	O 6	0
26	mG	1	Total 43	C 33	N 4	O 6	0
26	nG	1	Total 43	C 33	N 4	O 6	0
26	nG	1	Total 43	C 33	N 4	O 6	0
26	oG	1	Total 43	C 33	N 4	O 6	0
26	oG	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	oG	1	Total 43	C 33	N 4	O 6	0
26	pG	1	Total 43	C 33	N 4	O 6	0
26	pG	1	Total 43	C 33	N 4	O 6	0
26	qG	1	Total 43	C 33	N 4	O 6	0
26	qG	1	Total 43	C 33	N 4	O 6	0
26	qG	1	Total 43	C 33	N 4	O 6	0
26	rG	1	Total 43	C 33	N 4	O 6	0
26	rG	1	Total 43	C 33	N 4	O 6	0
26	sG	1	Total 43	C 33	N 4	O 6	0
26	sG	1	Total 43	C 33	N 4	O 6	0
26	sG	1	Total 43	C 33	N 4	O 6	0
26	tG	1	Total 43	C 33	N 4	O 6	0
26	tG	1	Total 43	C 33	N 4	O 6	0
26	uG	1	Total 43	C 33	N 4	O 6	0
26	uG	1	Total 43	C 33	N 4	O 6	0
26	uG	1	Total 43	C 33	N 4	O 6	0
26	vG	1	Total 43	C 33	N 4	O 6	0
26	vG	1	Total 43	C 33	N 4	O 6	0
26	wG	1	Total 43	C 33	N 4	O 6	0
26	wG	1	Total 43	C 33	N 4	O 6	0
26	wG	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	xG	1	Total 43	C 33	N 4	O 6	0
26	xG	1	Total 43	C 33	N 4	O 6	0
26	xG	1	Total 43	C 33	N 4	O 6	0
26	yG	1	Total 43	C 33	N 4	O 6	0
26	zG	1	Total 43	C 33	N 4	O 6	0
26	AI	1	Total 43	C 33	N 4	O 6	0
26	AI	1	Total 43	C 33	N 4	O 6	0
26	AI	1	Total 43	C 33	N 4	O 6	0
26	DI	1	Total 43	C 33	N 4	O 6	0
26	FI	1	Total 43	C 33	N 4	O 6	0
26	HI	1	Total 43	C 33	N 4	O 6	0
26	JI	1	Total 43	C 33	N 4	O 6	0
26	LI	1	Total 43	C 33	N 4	O 6	0
26	NI	1	Total 43	C 33	N 4	O 6	0
26	OI	1	Total 43	C 33	N 4	O 6	0
26	OI	1	Total 43	C 33	N 4	O 6	0
26	PI	1	Total 43	C 33	N 4	O 6	0
26	PI	1	Total 43	C 33	N 4	O 6	0
26	PI	1	Total 43	C 33	N 4	O 6	0
26	QI	1	Total 43	C 33	N 4	O 6	0
26	QI	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	RI	1	Total 43	C 33	N 4	O 6	0
26	RI	1	Total 43	C 33	N 4	O 6	0
26	RI	1	Total 43	C 33	N 4	O 6	0
26	SI	1	Total 43	C 33	N 4	O 6	0
26	SI	1	Total 43	C 33	N 4	O 6	0
26	TI	1	Total 43	C 33	N 4	O 6	0
26	TI	1	Total 43	C 33	N 4	O 6	0
26	TI	1	Total 43	C 33	N 4	O 6	0
26	UI	1	Total 43	C 33	N 4	O 6	0
26	UI	1	Total 43	C 33	N 4	O 6	0
26	VI	1	Total 43	C 33	N 4	O 6	0
26	VI	1	Total 43	C 33	N 4	O 6	0
26	VI	1	Total 43	C 33	N 4	O 6	0
26	WI	1	Total 43	C 33	N 4	O 6	0
26	YI	1	Total 43	C 33	N 4	O 6	0
26	YI	1	Total 43	C 33	N 4	O 6	0
26	YI	1	Total 43	C 33	N 4	O 6	0
26	ZI	1	Total 43	C 33	N 4	O 6	0
26	ZI	1	Total 43	C 33	N 4	O 6	0
26	aI	1	Total 43	C 33	N 4	O 6	0
26	aI	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	aI	1	Total 43	C 33	N 4	O 6	0
26	bI	1	Total 43	C 33	N 4	O 6	0
26	bI	1	Total 43	C 33	N 4	O 6	0
26	cI	1	Total 43	C 33	N 4	O 6	0
26	cI	1	Total 43	C 33	N 4	O 6	0
26	cI	1	Total 43	C 33	N 4	O 6	0
26	dI	1	Total 43	C 33	N 4	O 6	0
26	dI	1	Total 43	C 33	N 4	O 6	0
26	eI	1	Total 43	C 33	N 4	O 6	0
26	eI	1	Total 43	C 33	N 4	O 6	0
26	eI	1	Total 43	C 33	N 4	O 6	0
26	fI	1	Total 43	C 33	N 4	O 6	0
26	fI	1	Total 43	C 33	N 4	O 6	0
26	gI	1	Total 43	C 33	N 4	O 6	0
26	gI	1	Total 43	C 33	N 4	O 6	0
26	gI	1	Total 43	C 33	N 4	O 6	0
26	hI	1	Total 43	C 33	N 4	O 6	0
26	hI	1	Total 43	C 33	N 4	O 6	0
26	iI	1	Total 43	C 33	N 4	O 6	0
26	iI	1	Total 43	C 33	N 4	O 6	0
26	iI	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	jI	1	Total 43	C 33	N 4	O 6	0
26	jI	1	Total 43	C 33	N 4	O 6	0
26	kI	1	Total 43	C 33	N 4	O 6	0
26	kI	1	Total 43	C 33	N 4	O 6	0
26	kI	1	Total 43	C 33	N 4	O 6	0
26	lI	1	Total 43	C 33	N 4	O 6	0
26	lI	1	Total 43	C 33	N 4	O 6	0
26	mI	1	Total 43	C 33	N 4	O 6	0
26	mI	1	Total 43	C 33	N 4	O 6	0
26	mI	1	Total 43	C 33	N 4	O 6	0
26	AJ	1	Total 43	C 33	N 4	O 6	0
26	AJ	1	Total 43	C 33	N 4	O 6	0
26	AJ	1	Total 43	C 33	N 4	O 6	0
26	AJ	1	Total 43	C 33	N 4	O 6	0
26	BJ	1	Total 43	C 33	N 4	O 6	0
26	BJ	1	Total 43	C 33	N 4	O 6	0
26	BJ	1	Total 43	C 33	N 4	O 6	0
26	CJ	1	Total 43	C 33	N 4	O 6	0
26	CJ	1	Total 43	C 33	N 4	O 6	0
26	DJ	1	Total 43	C 33	N 4	O 6	0
26	DJ	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	DJ	1	Total 43	C 33	N 4	O 6	0
26	EJ	1	Total 43	C 33	N 4	O 6	0
26	EJ	1	Total 43	C 33	N 4	O 6	0
26	FJ	1	Total 43	C 33	N 4	O 6	0
26	FJ	1	Total 43	C 33	N 4	O 6	0
26	GJ	1	Total 43	C 33	N 4	O 6	0
26	GJ	1	Total 43	C 33	N 4	O 6	0
26	HJ	1	Total 43	C 33	N 4	O 6	0
26	HJ	1	Total 43	C 33	N 4	O 6	0
26	HJ	1	Total 43	C 33	N 4	O 6	0
26	IJ	1	Total 43	C 33	N 4	O 6	0
26	IJ	1	Total 43	C 33	N 4	O 6	0
26	IJ	1	Total 43	C 33	N 4	O 6	0
26	JJ	1	Total 43	C 33	N 4	O 6	0
26	JJ	1	Total 43	C 33	N 4	O 6	0
26	JJ	1	Total 43	C 33	N 4	O 6	0
26	KJ	1	Total 43	C 33	N 4	O 6	0
26	KJ	1	Total 43	C 33	N 4	O 6	0
26	LJ	1	Total 43	C 33	N 4	O 6	0
26	LJ	1	Total 43	C 33	N 4	O 6	0
26	LJ	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	MJ	1	Total 43	C 33	N 4	O 6	0
26	MJ	1	Total 43	C 33	N 4	O 6	0
26	NJ	1	Total 43	C 33	N 4	O 6	0
26	NJ	1	Total 43	C 33	N 4	O 6	0
26	NJ	1	Total 43	C 33	N 4	O 6	0
26	OJ	1	Total 43	C 33	N 4	O 6	0
26	PJ	1	Total 43	C 33	N 4	O 6	0
26	PJ	1	Total 43	C 33	N 4	O 6	0
26	PJ	1	Total 43	C 33	N 4	O 6	0
26	QJ	1	Total 43	C 33	N 4	O 6	0
26	QJ	1	Total 43	C 33	N 4	O 6	0
26	RJ	1	Total 43	C 33	N 4	O 6	0
26	RJ	1	Total 43	C 33	N 4	O 6	0
26	RJ	1	Total 43	C 33	N 4	O 6	0
26	SJ	1	Total 43	C 33	N 4	O 6	0
26	SJ	1	Total 43	C 33	N 4	O 6	0
26	TJ	1	Total 43	C 33	N 4	O 6	0
26	TJ	1	Total 43	C 33	N 4	O 6	0
26	TJ	1	Total 43	C 33	N 4	O 6	0
26	UJ	1	Total 43	C 33	N 4	O 6	0
26	UJ	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
26	VJ	1	Total 43	C 33	N 4	O 6	0
26	VJ	1	Total 43	C 33	N 4	O 6	0
26	VJ	1	Total 43	C 33	N 4	O 6	0
26	WJ	1	Total 43	C 33	N 4	O 6	0
26	WJ	1	Total 43	C 33	N 4	O 6	0
26	XJ	1	Total 43	C 33	N 4	O 6	0
26	XJ	1	Total 43	C 33	N 4	O 6	0
26	XJ	1	Total 43	C 33	N 4	O 6	0
26	YJ	1	Total 43	C 33	N 4	O 6	0
26	YJ	1	Total 43	C 33	N 4	O 6	0

-
- The chemical structure is a complex molecule featuring several fused and linked rings. It includes a central pyrazole ring (C1A, C1B, C2A, C2B) and a pyridine ring (C1C, C2C, C3C, C4C). The pyrazole ring is substituted with a carboxylic acid group (C1A, C2A, C1B, C2B) and a carboxylic acid group (C1B, C2B, C1A, C2A). The pyridine ring is substituted with a carboxylic acid group (C1C, C2C, C3C, C4C) and a carboxylic acid group (C1C, C2C, C3C, C4C). The molecule also contains a carboxylic acid group (C1C, C2C, C3C, C4C) and a carboxylic acid group (C1C, C2C, C3C, C4C). The structure is highly complex with many substituents and stereochemical indicators.

Mol	Chain	Residues	Atoms				AltConf
27	A1	1	Total	C	N	O	0
			43	33	4	6	



WORLD WIDE
PDB
PROTEIN DATA BANK

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Mol	Chain	Residues	Atoms				AltConf
27	K1	1	Total 43	C 33	N 4	O 6	0
27	21	1	Total 43	C 33	N 4	O 6	0
27	21	1	Total 43	C 33	N 4	O 6	0
27	A2	1	Total 43	C 33	N 4	O 6	0
27	A2	1	Total 43	C 33	N 4	O 6	0
27	K3	1	Total 43	C 33	N 4	O 6	0
27	Y3	1	Total 43	C 33	N 4	O 6	0
27	A4	1	Total 43	C 33	N 4	O 6	0
27	K4	1	Total 43	C 33	N 4	O 6	0
27	24	1	Total 43	C 33	N 4	O 6	0
27	24	1	Total 43	C 33	N 4	O 6	0
27	A6	1	Total 43	C 33	N 4	O 6	0
27	A6	1	Total 43	C 33	N 4	O 6	0
27	A7	1	Total 43	C 33	N 4	O 6	0
27	A7	1	Total 43	C 33	N 4	O 6	0
27	A8	1	Total 43	C 33	N 4	O 6	0
27	A8	1	Total 43	C 33	N 4	O 6	0
27	B8	1	Total 43	C 33	N 4	O 6	0
27	Q8	1	Total 43	C 33	N 4	O 6	0
27	A9	1	Total 43	C 33	N 4	O 6	0
27	N9	1	Total 43	C 33	N 4	O 6	0

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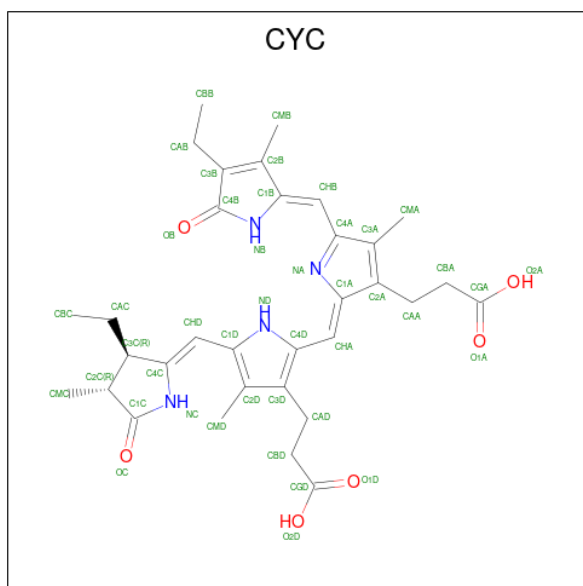
Mol	Chain	Residues	Atoms				AltConf
27	AA	1	Total 43	C 33	N 4	O 6	0
27	AA	1	Total 43	C 33	N 4	O 6	0
27	BA	1	Total 43	C 33	N 4	O 6	0
27	QA	1	Total 43	C 33	N 4	O 6	0
27	AB	1	Total 43	C 33	N 4	O 6	0
27	AB	1	Total 43	C 33	N 4	O 6	0
27	KD	1	Total 43	C 33	N 4	O 6	0
27	YD	1	Total 43	C 33	N 4	O 6	0
27	wE	1	Total 43	C 33	N 4	O 6	0
27	xE	1	Total 43	C 33	N 4	O 6	0
27	xE	1	Total 43	C 33	N 4	O 6	0
27	xE	1	Total 43	C 33	N 4	O 6	0
27	yE	1	Total 43	C 33	N 4	O 6	0
27	yE	1	Total 43	C 33	N 4	O 6	0
27	AF	1	Total 43	C 33	N 4	O 6	0
27	AF	1	Total 43	C 33	N 4	O 6	0
27	wG	1	Total 43	C 33	N 4	O 6	0
27	xG	1	Total 43	C 33	N 4	O 6	0
27	xG	1	Total 43	C 33	N 4	O 6	0
27	xG	1	Total 43	C 33	N 4	O 6	0
27	yG	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
27	yG	1	Total	C	N	O	0
			43	33	4	6	
27	AI	1	Total	C	N	O	0
			43	33	4	6	
27	AI	1	Total	C	N	O	0
			43	33	4	6	
27	AJ	1	Total	C	N	O	0
			43	33	4	6	
27	NJ	1	Total	C	N	O	0
			43	33	4	6	

- Molecule 28 is PHYCOCYANOBILIN (CCD ID: CYC) (formula: $C_{33}H_{40}N_4O_6$).



Mol	Chain	Residues	Atoms				AltConf
28	C2	1	Total	C	N	O	0
			43	33	4	6	
28	D2	1	Total	C	N	O	0
			43	33	4	6	
28	E2	1	Total	C	N	O	0
			43	33	4	6	
28	F2	1	Total	C	N	O	0
			43	33	4	6	
28	G2	1	Total	C	N	O	0
			43	33	4	6	
28	H2	1	Total	C	N	O	0
			43	33	4	6	

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Mol	Chain	Residues	Atoms				AltConf
28	I2	1	Total 43	C 33	N 4	O 6	0
28	J2	1	Total 43	C 33	N 4	O 6	0
28	K2	1	Total 43	C 33	N 4	O 6	0
28	L2	1	Total 43	C 33	N 4	O 6	0
28	M2	1	Total 43	C 33	N 4	O 6	0
28	N2	1	Total 43	C 33	N 4	O 6	0
28	B6	1	Total 43	C 33	N 4	O 6	0
28	B6	1	Total 43	C 33	N 4	O 6	0
28	C6	1	Total 43	C 33	N 4	O 6	0
28	D6	1	Total 43	C 33	N 4	O 6	0
28	E6	1	Total 43	C 33	N 4	O 6	0
28	F6	1	Total 43	C 33	N 4	O 6	0
28	G6	1	Total 43	C 33	N 4	O 6	0
28	H6	1	Total 43	C 33	N 4	O 6	0
28	I6	1	Total 43	C 33	N 4	O 6	0
28	K6	1	Total 43	C 33	N 4	O 6	0
28	L6	1	Total 43	C 33	N 4	O 6	0
28	M6	1	Total 43	C 33	N 4	O 6	0
28	C7	1	Total 43	C 33	N 4	O 6	0
28	D7	1	Total 43	C 33	N 4	O 6	0
28	E7	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
28	F7	1	Total 43	C 33	N 4	O 6	0
28	G7	1	Total 43	C 33	N 4	O 6	0
28	H7	1	Total 43	C 33	N 4	O 6	0
28	I7	1	Total 43	C 33	N 4	O 6	0
28	J7	1	Total 43	C 33	N 4	O 6	0
28	J7	1	Total 43	C 33	N 4	O 6	0
28	K7	1	Total 43	C 33	N 4	O 6	0
28	L7	1	Total 43	C 33	N 4	O 6	0
28	N7	1	Total 43	C 33	N 4	O 6	0
28	BB	1	Total 43	C 33	N 4	O 6	0
28	CB	1	Total 43	C 33	N 4	O 6	0
28	DB	1	Total 43	C 33	N 4	O 6	0
28	EB	1	Total 43	C 33	N 4	O 6	0
28	FB	1	Total 43	C 33	N 4	O 6	0
28	GB	1	Total 43	C 33	N 4	O 6	0
28	HB	1	Total 43	C 33	N 4	O 6	0
28	IB	1	Total 43	C 33	N 4	O 6	0
28	KB	1	Total 43	C 33	N 4	O 6	0
28	LB	1	Total 43	C 33	N 4	O 6	0
28	MB	1	Total 43	C 33	N 4	O 6	0
28	NB	1	Total 43	C 33	N 4	O 6	0

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Mol	Chain	Residues	Atoms				AltConf
28	CF	1	Total 43	C 33	N 4	O 6	0
28	DF	1	Total 43	C 33	N 4	O 6	0
28	DF	1	Total 43	C 33	N 4	O 6	0
28	EF	1	Total 43	C 33	N 4	O 6	0
28	FF	1	Total 43	C 33	N 4	O 6	0
28	HF	1	Total 43	C 33	N 4	O 6	0
28	IF	1	Total 43	C 33	N 4	O 6	0
28	JF	1	Total 43	C 33	N 4	O 6	0
28	JF	1	Total 43	C 33	N 4	O 6	0
28	KF	1	Total 43	C 33	N 4	O 6	0
28	LF	1	Total 43	C 33	N 4	O 6	0
28	NF	1	Total 43	C 33	N 4	O 6	0
28	AH	1	Total 81	C 33	H 38	N 4 O 6	0
28	CH	1	Total 81	C 33	H 38	N 4 O 6	0
28	FH	1	Total 81	C 33	H 38	N 4 O 6	0
28	EH	1	Total 81	C 33	H 38	N 4 O 6	0
28	GH	1	Total 81	C 33	H 38	N 4 O 6	0
28	IH	1	Total 81	C 33	H 38	N 4 O 6	0
28	JH	1	Total 81	C 33	H 38	N 4 O 6	0
28	KH	1	Total 81	C 33	H 38	N 4 O 6	0
28	LH	1	Total 81	C 33	H 38	N 4 O 6	0

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Mol	Chain	Residues	Atoms					AltConf
28	MH	1	Total 81	C 33	H 38	N 4	O 6	0
28	NH	1	Total 81	C 33	H 38	N 4	O 6	0
28	OH	1	Total 81	C 33	H 38	N 4	O 6	0
28	PH	1	Total 81	C 33	H 38	N 4	O 6	0
28	QH	1	Total 81	C 33	H 38	N 4	O 6	0
28	RH	1	Total 81	C 33	H 38	N 4	O 6	0
28	SH	1	Total 81	C 33	H 38	N 4	O 6	0
28	TH	1	Total 81	C 33	H 38	N 4	O 6	0
28	UH	1	Total 81	C 33	H 38	N 4	O 6	0
28	VH	1	Total 81	C 33	H 38	N 4	O 6	0
28	WH	1	Total 81	C 33	H 38	N 4	O 6	0
28	YH	1	Total 81	C 33	H 38	N 4	O 6	0
28	YH	1	Total 81	C 33	H 38	N 4	O 6	0
28	YH	1	Total 81	C 33	H 38	N 4	O 6	0
28	YH	1	Total 81	C 33	H 38	N 4	O 6	0
28	YH	1	Total 81	C 33	H 38	N 4	O 6	0
28	cH	1	Total 81	C 33	H 38	N 4	O 6	0
28	dH	1	Total 81	C 33	H 38	N 4	O 6	0
28	eH	1	Total 81	C 33	H 38	N 4	O 6	0
28	fH	1	Total 81	C 33	H 38	N 4	O 6	0
28	gH	1	Total 81	C 33	H 38	N 4	O 6	0
28	hH	1	Total 81	C 33	H 38	N 4	O 6	0

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Mol	Chain	Residues	Atoms					AltConf
28	iH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	jH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	kH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	lH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	mH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	nH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	oH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	pH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	qH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	qH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	rH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	sH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	tH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	uH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	vH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	wH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	yH	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	1H	1	Total	C	H	N	O	0
			81	33	38	4	6	
28	CI	1	Total	C	N	O		0
			43	33	4	6		
28	DI	1	Total	C	N	O		0
			43	33	4	6		
28	EI	1	Total	C	N	O		0
			43	33	4	6		

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Mol	Chain	Residues	Atoms				AltConf
28	FI	1	Total	C	N	O	0
			43	33	4	6	
28	GI	1	Total	C	N	O	0
			43	33	4	6	
28	HI	1	Total	C	N	O	0
			43	33	4	6	
28	II	1	Total	C	N	O	0
			43	33	4	6	
28	JI	1	Total	C	N	O	0
			43	33	4	6	
28	KI	1	Total	C	N	O	0
			43	33	4	6	
28	LI	1	Total	C	N	O	0
			43	33	4	6	
28	MI	1	Total	C	N	O	0
			43	33	4	6	
28	NI	1	Total	C	N	O	0
			43	33	4	6	

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

3 Experimental information

Property	Value	Source
EM reconstruction method	SINGLE PARTICLE	Depositor
Imposed symmetry	POINT, C2	Depositor
Number of particles used	191825	Depositor
Resolution determination method	FSC 0.143 CUT-OFF	Depositor
CTF correction method	PHASE FLIPPING ONLY	Depositor
Microscope	FEI TITAN KRIOS	Depositor
Voltage (kV)	300	Depositor
Electron dose ($e^-/\text{\AA}^2$)	48	Depositor
Minimum defocus (nm)	1200	Depositor
Maximum defocus (nm)	2200	Depositor
Magnification	105000	Depositor
Image detector	GATAN K2 SUMMIT (4k x 4k)	Depositor

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](#)

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

4.5 Carbohydrates [i](#)

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

4.6 Ligand geometry [i](#)

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

4.7 Other polymers [i](#)

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

4.8 Polymer linkage issues ⓘ

There are no chain breaks in this entry.

5 Map visualisation

This section contains visualisations of the EMDB entry EMD-9976. These allow visual inspection of the internal detail of the map and identification of artifacts.

No raw map or half-maps were deposited for this entry and therefore no images, graphs, etc. pertaining to the raw map can be shown.

5.1 Orthogonal projections

This section was not generated.

5.2 Central slices

This section was not generated.

5.3 Largest variance slices

This section was not generated.

5.4 Orthogonal standard-deviation projections (False-color)

This section was not generated.

5.5 Orthogonal surface views

This section was not generated.

5.6 Mask visualisation

This section was not generated. No masks/segmentation were deposited.

6 Map analysis ⓘ

This section contains the results of statistical analysis of the map.

6.1 Map-value distribution ⓘ

This section was not generated.

6.2 Volume estimate versus contour level ⓘ

This section was not generated.

6.3 Rotationally averaged power spectrum ⓘ

This section was not generated. The rotationally averaged power spectrum had issues being displayed.

7 Fourier-Shell correlation

This section was not generated. No FSC curve or half-maps provided.

8 Map-model fit

This section was not generated.