
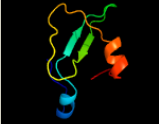


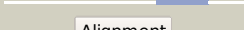




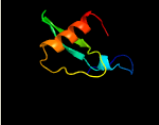

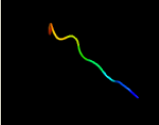

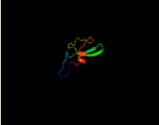

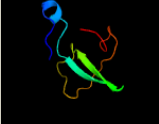
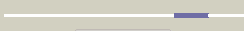
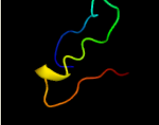






Phyre2

Email	mdejesus@rockefeller.edu
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Date	Wed Jul 31 22:05:53 BST 2019
Unique Job ID	b68b4cdfdf336e7

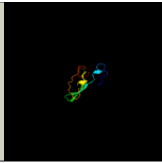
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2qall1	 Alignment		28.8	37	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
2	c3j6vL_	 Alignment		28.8	31	PDB header: ribosome Chain: L: PDB Molecule: 28s ribosomal protein s12, mitochondrial; PDBTitle: cryo-em structure of the small subunit of the mammalian mitochondrial2 ribosome
3	d2uubl1	 Alignment		28.1	35	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
4	c1zn1L_	 Alignment		27.4	33	PDB header: biosynthetic/structural protein/rna Chain: L: PDB Molecule: 30s ribosomal protein s12; PDBTitle: coordinates of rrf fitted into cryo-em map of the 70s post-termination2 complex
5	d1i94L_	 Alignment		20.5	37	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
6	d1nh2d2	 Alignment		18.9	40	Fold: Transcription factor IIA (TFIIA), beta-barrel domain Superfamily: Transcription factor IIA (TFIIA), beta-barrel domain Family: Transcription factor IIA (TFIIA), beta-barrel domain
7	c2xzmL_	 Alignment		14.6	21	PDB header: ribosome Chain: L: PDB Molecule: 40s ribosomal protein s12; PDBTitle: crystal structure of the eukaryotic 40s ribosomal2 subunit in complex with initiation factor 1. this file3 contains the 40s subunit and initiation factor for4 molecule 1
8	c2zqkL_	 Alignment		12.6	19	PDB header: ribosomal protein/rna Chain: L: PDB Molecule: PDBTitle: structure of a mammalian ribosomal 40s subunit within an 80s complex2 obtained by docking homology models of the rna and proteins into an3 8.7 a cryo-em map
9	c4g4sO_	 Alignment		10.7	41	PDB header: hydrolase/chaperone Chain: O: PDB Molecule: proteasome chaperone 1; PDBTitle: structure of proteasome-pba1-pba2 complex
10	c1nh2D_	 Alignment		9.8	40	PDB header: transcription/dna Chain: D: PDB Molecule: transcription initiation factor iia small chain; PDBTitle: crystal structure of a yeast tfiia/tbp/dna complex
11	c6roiC_	 Alignment		8.1	16	PDB header: lipid transport Chain: C: PDB Molecule: cell division control protein 50; PDBTitle: cryo-em structure of the partially activated drs2p-cdc50p

12	c5xyiX_	Alignment		6.4	20	PDB header: ribosome Chain: X: PDB Molecule: 40s ribosomal protein s23, putative; PDBTitle: small subunit of trichomonas vaginalis ribosome
13	c1hvwA_	Alignment		6.2	100	PDB header: toxin Chain: A: PDB Molecule: omega-atracotoxin-hv1a; PDBTitle: hairpinless mutant of omega-atracotoxin-hv1a
14	d1hvwa_	Alignment		6.2	100	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Spider toxins
15	c3bmzA_	Alignment		6.1	75	PDB header: biosynthetic protein Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: violacein biosynthetic enzyme vioe
16	c6in9D_	Alignment		5.7	60	PDB header: membrane protein Chain: D: PDB Molecule: sigma factor algu negative regulatory protein; PDBTitle: crystal structure of mucb in complex with muca(peri)

17 [c3u5gX_](#)

Alignment



5.4

17

PDB header:ribosome
Chain: X: **PDB Molecule:**40s ribosomal protein s23-a;
PDBTitle: the structure of the eukaryotic ribosome at 3.0 a resolution. this2 entry contains proteins of the 40s subunit, ribosome b