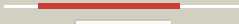


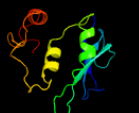
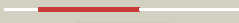


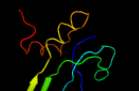

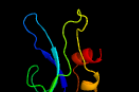











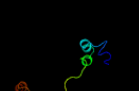
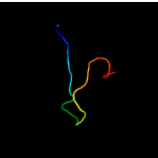
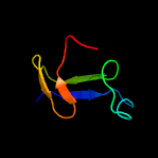
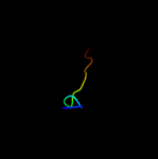
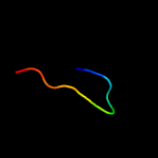
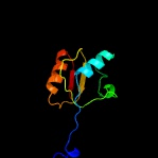

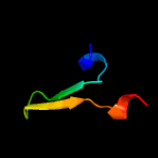
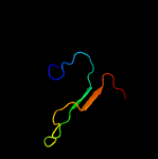
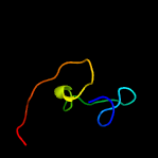


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2909c_(rpsP)_3217165_3217653
Date	Thu Aug 8 16:20:06 BST 2019
Unique Job ID	10e8ba179c0d7da1

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5o5jp_	 Alignment		100.0	88	PDB header: ribosome Chain: P: PDB Molecule: 30s ribosomal protein s16; PDBTitle: structure of the 30s small ribosomal subunit from mycobacterium2 smegmatis
2	c3j6vp_	 Alignment		100.0	26	PDB header: ribosome Chain: P: PDB Molecule: 28s ribosomal protein s16, mitochondrial; PDBTitle: cryo-em structure of the small subunit of the mammalian mitochondrial2 ribosome
3	d2uubp1	 Alignment		100.0	51	Fold: Ribosomal protein S16 Superfamily: Ribosomal protein S16 Family: Ribosomal protein S16
4	c3bbnP_	 Alignment		100.0	35	PDB header: ribosome Chain: P: PDB Molecule: ribosomal protein s16; PDBTitle: homology model for the spinach chloroplast 30s subunit fitted to 9.4a2 cryo-em map of the 70s chlororibosome.
5	d2gy9p1	 Alignment		100.0	36	Fold: Ribosomal protein S16 Superfamily: Ribosomal protein S16 Family: Ribosomal protein S16
6	d3bn0a1	 Alignment		100.0	29	Fold: Ribosomal protein S16 Superfamily: Ribosomal protein S16 Family: Ribosomal protein S16
7	d1vbva1	 Alignment		57.9	25	Fold: SH3-like barrel Superfamily: YccV-like Family: YccV-like
8	c1vw4j_	 Alignment		46.4	24	PDB header: ribosome Chain: J: PDB Molecule: 54s ribosomal protein l10, mitochondrial; PDBTitle: structure of the yeast mitochondrial large ribosomal subunit
9	c4v19P_	 Alignment		37.6	22	PDB header: ribosome Chain: P: PDB Molecule: mitoribosomal protein ul15m, mrp15; PDBTitle: structure of the large subunit of the mammalian mitoribosome, part 12 of 2
10	c2n8oA_	 Alignment		24.1	32	PDB header: antimicrobial protein Chain: A: PDB Molecule: bacteriocin aureocin a53; PDBTitle: nmr solution structure of aureocin a53
11	d1vqol1	 Alignment		22.5	11	Fold: Ribosomal proteins L15p and L18e Superfamily: Ribosomal proteins L15p and L18e Family: Ribosomal proteins L15p and L18e

12	c3f62A_	Alignment		20.8	23	PDB header: cytokine Chain: A: PDB Molecule: interleukin 18 binding protein; PDBTitle: crystal structure of human il-18 in complex with ectromelia virus il-2 18 binding protein
13	c3c0kB_	Alignment		15.3	25	PDB header: transferase Chain: B: PDB Molecule: upf0064 protein yccw; PDBTitle: crystal structure of a ribosomal rna methyltransferase
14	c3dkxA_	Alignment		15.3	23	PDB header: replication Chain: A: PDB Molecule: replication protein repb; PDBTitle: crystal structure of the replication initiator protein encoded on 2 plasmid pmv158 (repb), trigonal form, to 2.7 ang resolution
15	c2v3mF_	Alignment		15.0	45	PDB header: ribosomal protein Chain: F: PDB Molecule: naf1; PDBTitle: structure of the gar1 domain of naf1
16	c4ce4P_	Alignment		12.6	21	PDB header: ribosome Chain: P: PDB Molecule: mrp15; PDBTitle: 39s large subunit of the porcine mitochondrial ribosome
17	c3g0kA_	Alignment		12.1	10	PDB header: ca-binding protein Chain: A: PDB Molecule: putative membrane protein; PDBTitle: crystal structure of a protein of unknown function with a cystatin-2 like fold (saro_2880) from novosphingobium aromaticivorans dsm at3 1.30 a resolution
18	c3ngvA_	Alignment		11.7	24	PDB header: transport protein Chain: A: PDB Molecule: d7 protein; PDBTitle: crystal structure of anst-d711
19	d2dlxA1	Alignment		11.6	10	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: UAS domain
20	d2heqa1	Alignment		10.5	32	Fold: SH3-like barrel Superfamily: YorP-like Family: YorP-like
21	c4hplA_	Alignment	not modelled	10.4	33	PDB header: transcription Chain: A: PDB Molecule: bcl-6 corepressor; PDBTitle: pcgf1 ub fold (rawul)/bcor1 pufd complex
22	d1jwya1	Alignment	not modelled	10.3	46	Fold: SH3-like barrel Superfamily: Myosin S1 fragment, N-terminal domain Family: Myosin S1 fragment, N-terminal domain
23	c2lydA_	Alignment	not modelled	10.3	5	PDB header: transcription/protein binding Chain: A: PDB Molecule: decapping protein 1; PDBTitle: the solution structure of the dm dcp1 evh1 domain in complex with the 2 xrn1 dbm peptide
24	c5o60M_	Alignment	not modelled	9.9	18	PDB header: ribosome Chain: M: PDB Molecule: 50s ribosomal protein l15; PDBTitle: structure of the 50s large ribosomal subunit from mycobacterium2 smegmatis
25	c1m6bB_	Alignment	not modelled	9.3	8	PDB header: signaling protein, transferase Chain: B: PDB Molecule: receptor protein-tyrosine kinase erbB-3; PDBTitle: structure of the her3 (erbB3) extracellular domain
26	c4hpmA_	Alignment	not modelled	9.3	27	PDB header: transcription Chain: A: PDB Molecule: bcl-6 corepressor-like protein 1; PDBTitle: pcgf1 ub fold (rawul)/bcor1 pufd complex
27	c4z9hA_	Alignment	not modelled	8.6	15	PDB header: protein binding Chain: A: PDB Molecule: methyl-accepting chemotaxis protein ii; PDBTitle: asp-tar from e. coli
28	c2w2rA_	Alignment	not modelled	8.5	25	PDB header: viral protein Chain: A: PDB Molecule: matrix protein; PDBTitle: structure of the vesicular stomatitis virus matrix protein
29	c2frcH_	Alignment	not modelled	7.7	27	PDB header: ribosome Chain: H: PDB Molecule: 39s ribosomal protein l13, mitochondrial;

29	c2lcnA	Alignment	not modelled	7.7	47	PDBTitle: structural model for the large subunit of the mammalian mitochondrial2 ribosome
30	d1jcb2	Alignment	not modelled	7.6	28	Fold: Putative DNA-binding domain Superfamily: Putative DNA-binding domain Family: Domains B1 and B5 of PheRS-beta, PheT
31	c4dagA	Alignment	not modelled	7.6	25	PDB header: viral protein/immune system Chain: A: PDB Molecule: fusion glycoprotein f0; PDBTitle: structure of the human metapneumovirus fusion protein with2 neutralizing antibody identifies a pneumovirus antigenic site
32	c3dztA	Alignment	not modelled	7.4	19	PDB header: odorant-binding protein Chain: A: PDB Molecule: d7 protein; PDBTitle: aed7-leukotriene e4 complex
33	c2eqnA	Alignment	not modelled	7.2	27	PDB header: transcription Chain: A: PDB Molecule: hypothetical protein loc92345; PDBTitle: solution structure of the naf1 domain of hypothetical2 protein bc008207 [homo sapiens]
34	c1m6bA	Alignment	not modelled	7.1	8	PDB header: signaling protein, transferase Chain: A: PDB Molecule: receptor protein-tyrosine kinase erbb-3; PDBTitle: structure of the her3 (erbb3) extracellular domain
35	d1s4ea2	Alignment	not modelled	7.1	23	Fold: Ferredoxin-like Superfamily: GHMP Kinase, C-terminal domain Family: Galactokinase
36	d1lg7a	Alignment	not modelled	6.9	25	Fold: VSV matrix protein Superfamily: VSV matrix protein Family: VSV matrix protein
37	c2h0eA	Alignment	not modelled	6.9	26	PDB header: hydrolase Chain: A: PDB Molecule: transthyretin-like protein pucm; PDBTitle: crystal structure of pucm in the absence of substrate
38	d1dq3a4	Alignment	not modelled	6.6	18	Fold: Homing endonuclease-like Superfamily: Homing endonucleases Family: Intein endonuclease
39	c5zktA	Alignment	not modelled	6.4	31	PDB header: transcription Chain: A: PDB Molecule: putative transcription factor pcf6; PDBTitle: crystal structure of tcp domain of pcf6 in oryza sativa
40	c4m8rA	Alignment	not modelled	6.4	33	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of a duf4784 family protein (baccac_01631) from2 bacteroides caccae atcc 43185 at 2.50 a resolution
41	c2n8pA	Alignment	not modelled	6.3	29	PDB header: antimicrobial protein Chain: A: PDB Molecule: lactacin q; PDBTitle: solution structure of lactacin q
42	c4v19N	Alignment	not modelled	6.1	27	PDB header: ribosome Chain: N: PDB Molecule: mitoribosomal protein ul13m, mrp113; PDBTitle: structure of the large subunit of the mammalian mitoribosome, part 12 of 2
43	d2ix0a1	Alignment	not modelled	5.8	11	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
44	d1q67a	Alignment	not modelled	5.8	9	Fold: PH domain-like barrel Superfamily: PH domain-like Family: Dcp1
45	c2qlwA	Alignment	not modelled	5.7	13	PDB header: isomerase Chain: A: PDB Molecule: rhau; PDBTitle: crystal structure of rhamnose mutarotase rhau of rhizobium2 leguminosarum
46	c2qlxA	Alignment	not modelled	5.7	13	PDB header: isomerase Chain: A: PDB Molecule: l-rhamnose mutarotase; PDBTitle: crystal structure of rhamnose mutarotase rhau of rhizobium2 leguminosarum in complex with l-rhamnose
47	c4rgiA	Alignment	not modelled	5.7	28	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of ktsc domain protein ypo2434 from yersinia pestis
48	c1vw4H	Alignment	not modelled	5.7	27	PDB header: ribosome Chain: H: PDB Molecule: 54s ribosomal protein l23, mitochondrial; PDBTitle: structure of the yeast mitochondrial large ribosomal subunit
49	c5mabA	Alignment	not modelled	5.6	29	PDB header: electron transport Chain: A: PDB Molecule: foxe; PDBTitle: foxe p3121 crystal structure of rhodopseudomonas ferrooxidans sw22 putative iron oxidase
50	c5j2yA	Alignment	not modelled	5.5	21	PDB header: gene regulation/dna Chain: A: PDB Molecule: regulatory protein; PDBTitle: molecular insight into the regulatory mechanism of the quorum-sensing2 repressor rsal in pseudomonas aeruginosa
51	c5zktB	Alignment	not modelled	5.3	31	PDB header: transcription Chain: B: PDB Molecule: putative transcription factor pcf6; PDBTitle: crystal structure of tcp domain of pcf6 in oryza sativa
52	c3p11A	Alignment	not modelled	5.1	8	PDB header: immune system Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-3; PDBTitle: anti-egfr/her3 fab dl11 in complex with domains l-iii of the her32 extracellular region