

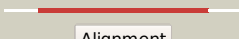
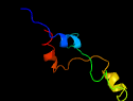
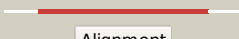


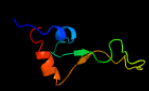

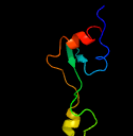

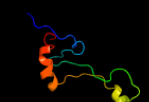

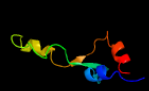


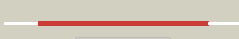
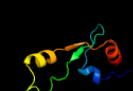



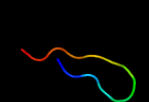
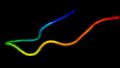








Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD1642_(rpm1)_1852935_1853129
 Date Fri Aug 2 13:30:23 BST 2019
 Unique Job ID e832b87b4dcdab78

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5o60e_	 Alignment		100.0	84	PDB header: ribosome Chain: E; PDB Molecule: 50s ribosomal protein l4; PDBTitle: structure of the 50s large ribosomal subunit from mycobacterium2 smegmatis
2	d2qam31	 Alignment		100.0	40	Fold: L35p-like Superfamily: L35p-like Family: Ribosomal protein L35p
3	d2j0181	 Alignment		100.0	39	Fold: L35p-like Superfamily: L35p-like Family: Ribosomal protein L35p
4	c3bbo5_	 Alignment		100.0	44	PDB header: ribosome Chain: 5; PDB Molecule: ribosomal protein l35; PDBTitle: homology model for the spinach chloroplast 50s subunit fitted to 9.4a2 cryo-em map of the 70s chlororibosome
5	d2zjr31	 Alignment		100.0	34	Fold: L35p-like Superfamily: L35p-like Family: Ribosomal protein L35p
6	c4wfb3_	 Alignment		100.0	42	PDB header: ribosome Chain: 3; PDB Molecule: 50s ribosomal protein l35; PDBTitle: the crystal structure of the large ribosomal subunit of staphylococcus2 aureus in complex with bc-3205
7	c1vw4Z_	 Alignment		99.6	34	PDB header: ribosome Chain: Z; PDB Molecule: mitochondrial ribosomal protein ynl122c; PDBTitle: structure of the yeast mitochondrial large ribosomal subunit
8	c4v198_	 Alignment		97.6	28	PDB header: ribosome Chain: 8; PDB Molecule: mitoribosomal protein bl35m, mrpl35; PDBTitle: structure of the large subunit of the mammalian mitoribosome, part 12 of 2
9	c4ce48_	 Alignment		97.3	29	PDB header: ribosome Chain: 8; PDB Molecule: mrpl35; PDBTitle: 39s large subunit of the porcine mitochondrial ribosome
10	c4byl5_	 Alignment		9.1	15	PDB header: ribosome Chain: 5; PDB Molecule: ubiquitin-40s ribosomal protein s31; PDBTitle: cryo-em reconstruction of the 80s-eif5b-met-itnmet2 eukaryotic translation initiation complex
11	c3u5cf_	 Alignment		9.1	15	PDB header: ribosome Chain: F; PDB Molecule: 40s ribosomal protein s5; PDBTitle: the structure of the eukaryotic ribosome at 3.0 a resolution. this2 entry contains proteins of the 40s subunit, ribosome a

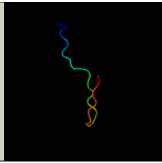
12	c4byt5_	Alignment		9.1	15	PDB header: ribosome Chain: 5; PDB Molecule: ubiquitin-40s ribosomal protein s31; PDBTitle: cryo-em reconstruction of the 80s-eif5b-met-itnmet2 eukaryotic translation initiation complex
13	c4uer9_	Alignment		9.1	15	PDB header: translation Chain: 9; PDB Molecule: es31; PDBTitle: 40s-eif1-eif1a-eif3-eif3j translation initiation complex from2 lachanea kluyveri
14	c2m7eA_	Alignment		8.0	44	PDB header: calmodulin-binding protein Chain: A; PDB Molecule: calcium-transporting atpase 2, plasma membrane-type; PDBTitle: solution structure of the calmodulin-binding domain of plant calcium-2 atpase aca2
15	c5xxuf_	Alignment		7.8	23	PDB header: ribosome Chain: F; PDB Molecule: ribosomal protein us7; PDBTitle: small subunit of toxoplasma gondii ribosome
16	c2xzm9_	Alignment		6.5	27	PDB header: ribosome Chain: 9; PDB Molecule: rps31e; 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
17	c2xzn9_	Alignment		6.5	27	PDB header: ribosome Chain: 9; PDB Molecule: rps31e; 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 2
18	c2I53B_	Alignment		6.3	78	PDB header: ca-binding protein/proton transport Chain: B; PDB Molecule: voltage-gated sodium channel type v alpha isoform b PDBTitle: solution nmr structure of apo-calmodulin in complex with the iq motif2 of human cardiac sodium channel nav1.5

19

[c3j38f_](#)



Alignment



5.6

27

PDB header:ribosome
Chain: F: **PDB Molecule:**40s ribosomal protein s5a;
PDBTitle: structure of the d. melanogaster 40s ribosomal proteins