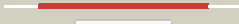



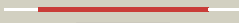



















Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD0722_(rpmD)_814996_815193
 Date Fri Jul 26 01:50:29 BST 2019
 Unique Job ID 07248facc081fb1

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1bxya_	 Alignment		100.0	42	Fold: Ribosomal protein L30p/L7e Superfamily: Ribosomal protein L30p/L7e Family: Ribosomal protein L30p/L7e
2	c5o60a_	 Alignment		99.9	79	PDB header: ribosome Chain: A; PDB Molecule: 23s rrna; PDBTitle: structure of the 50s large ribosomal subunit from mycobacterium2 smegmatis
3	c4ce43_	 Alignment		99.9	19	PDB header: ribosome Chain: 3; PDB Molecule: mrpl30; PDBTitle: 39s large subunit of the porcine mitochondrial ribosome
4	c3j3vY_	 Alignment		99.9	50	PDB header: ribosome Chain: Y; PDB Molecule: 50s ribosomal protein l30; PDBTitle: atomic model of the immature 50s subunit from bacillus subtilis (state2 i-a)
5	d2gycx1	 Alignment		99.9	52	Fold: Ribosomal protein L30p/L7e Superfamily: Ribosomal protein L30p/L7e Family: Ribosomal protein L30p/L7e
6	c1vw4U_	 Alignment		99.9	32	PDB header: ribosome Chain: U; PDB Molecule: 54s ribosomal protein l33, mitochondrial; PDBTitle: structure of the yeast mitochondrial large ribosomal subunit
7	d2zjrw1	 Alignment		99.9	42	Fold: Ribosomal protein L30p/L7e Superfamily: Ribosomal protein L30p/L7e Family: Ribosomal protein L30p/L7e
8	c4v193_	 Alignment		99.9	19	PDB header: ribosome Chain: 3; PDB Molecule: mitoribosomal protein ul30m, mrpl30; PDB Fragment: cca-3' end; PDBTitle: structure of the large subunit of the mammalian mitoribosome, part 12 of 2
9	c3j21Y_	 Alignment		99.8	22	PDB header: ribosome Chain: Y; PDB Molecule: 50s ribosomal protein l30p; PDBTitle: promiscuous behavior of proteins in archaeal ribosomes revealed by2 cryo-em: implications for evolution of eukaryotic ribosomes (50s3 ribosomal proteins)
10	d1vqow1	 Alignment		99.1	19	Fold: Ribosomal protein L30p/L7e Superfamily: Ribosomal protein L30p/L7e Family: Ribosomal protein L30p/L7e
11	c3j3bF_	 Alignment		99.1	21	PDB header: ribosome Chain: F; PDB Molecule: 60s ribosomal protein l7; PDBTitle: structure of the human 60s ribosomal proteins

12	c3j39F_	Alignment		99.1	19	PDB header: ribosome Chain: F; PDB Molecule: 60s ribosomal protein l7; PDBTitle: structure of the d. melanogaster 60s ribosomal proteins
13	c3zf7w_	Alignment		99.1	23	PDB header: ribosome Chain: W; PDB Molecule: 60s ribosomal protein l23, putative; PDBTitle: high-resolution cryo-electron microscopy structure of the trypanosoma2 brucei ribosome
14	c3izce_	Alignment		99.1	19	PDB header: ribosome Chain: E; PDB Molecule: 60s ribosomal protein rpl11 (l5p); PDBTitle: localization of the large subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
15	c4a1cV_	Alignment		99.1	15	PDB header: ribosome Chain: V; PDB Molecule: 60s ribosomal protein l7; PDBTitle: t.thermophila 60s ribosomal subunit in complex with2 initiation factor 6. this file contains 5s rna,3 5.8s rna and proteins of molecule 4.
16	c3iz5e_	Alignment		99.0	25	PDB header: ribosome Chain: E; PDB Molecule: 60s ribosomal protein l11 (l5p); PDBTitle: localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
17	c3jywF_	Alignment		99.0	20	PDB header: ribosome Chain: F; PDB Molecule: 60s ribosomal protein l7(a); PDBTitle: structure of the 60s proteins for eukaryotic ribosome based on cryo-em2 map of thermomyces lanuginosus ribosome at 8.9a resolution
18	c2zkrw_	Alignment		99.0	21	PDB header: ribosomal protein/rna Chain: W; PDB Molecule: rna expansion segment es10; PDBTitle: structure of a mammalian ribosomal 60s subunit within an 80s complex2 obtained by docking homology models of the rna and proteins into an3 8.7 a cryo-em map
19	c1s1iF_	Alignment		98.9	19	PDB header: ribosome Chain: F; PDB Molecule: 60s ribosomal protein l7-a; PDBTitle: structure of the ribosomal 80s-eef2-sordarin complex from yeast2 obtained by docking atomic models for rna and protein components into3 a 11.7 a cryo-em map. this file, 1s1i, contains 60s subunit. the 40s4 ribosomal subunit is in file 1s1h.
20	c3j66s_	Alignment		98.5	21	PDB header: ribosome Chain: S; PDB Molecule: PDBTitle: arx1 pre-60s particle. this entry contains the alternative position2 for rlp7.
21	d1jhfa1	Alignment	not modelled	10.5	31	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain
22	c3vg8F_	Alignment	not modelled	9.4	33	PDB header: unknown function Chain: F; PDB Molecule: hypothetical protein tthb210; PDBTitle: crystal structure of hypothetical protein tthb210 from thermus2 thermophilus hb8
23	c6bj5C_	Alignment	not modelled	7.0	17	PDB header: immunosuppressant Chain: C; PDB Molecule: serine proteinase inhibitor 1; PDBTitle: structure of the clinically used myxomaviral serine protease inhibitor2 1 (serp-1)
24	c3excX_	Alignment	not modelled	6.9	35	PDB header: hydrolase Chain: X; PDB Molecule: uncharacterized protein; PDBTitle: structure of the rna'se sso8090 from sulfolobus solfataricus
25	c3ilhA_	Alignment	not modelled	6.1	19	PDB header: transcription regulator Chain: A; PDB Molecule: two component response regulator; PDBTitle: crystal structure of two component response regulator from cytophaga2 hutchinsonii
26	d1jr2a_	Alignment	not modelled	5.5	14	Fold: HemD-like Superfamily: HemD-like Family: HemD-like
27	c1jr2A_	Alignment	not modelled	5.5	14	PDB header: lyase Chain: A; PDB Molecule: uroporphyrinogen-iii synthase; PDBTitle: structure of uroporphyrinogen iii synthase