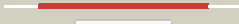


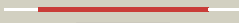
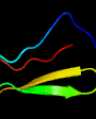

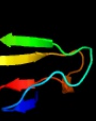




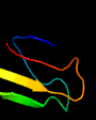



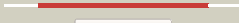

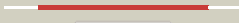
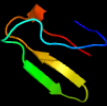
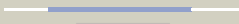













Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3461c_(rpm)_3880465_3880578
Date	Fri Aug 9 18:20:13 BST 2019
Unique Job ID	7580822bfa6a68ff

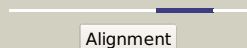
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1vw40_	 Alignment		99.9	57	PDB header: ribosome Chain: 0: PDB Molecule: 54s ribosomal protein rtc6, mitochondrial; PDBTitle: structure of the yeast mitochondrial large ribosomal subunit
2	c5x8t5_	 Alignment		99.9	70	PDB header: ribosome Chain: 5: PDB Molecule: 50s ribosomal protein l36, chloroplastic; PDBTitle: structure of the 50s large subunit of chloroplast ribosome from2 spinach
3	c5h1sf_	 Alignment		99.9	70	PDB header: ribosome Chain: F: PDB Molecule: 50s ribosomal protein l3; PDBTitle: structure of the large subunit of the chloro-ribosome
4	d1dfea_	 Alignment		99.9	73	Fold: Ribosomal protein L36 Superfamily: Ribosomal protein L36 Family: Ribosomal protein L36
5	c5mmi5_	 Alignment		99.9	70	PDB header: ribosome Chain: 5: PDB Molecule: 50s ribosomal protein l36, chloroplastic; PDBTitle: structure of the large subunit of the chloroplast ribosome
6	c3bbo6_	 Alignment		99.9	59	PDB header: ribosome Chain: 6: PDB Molecule: ribosomal protein l36; PDBTitle: homology model for the spinach chloroplast 50s subunit fitted to 9.4a2 cryo-em map of the 70s chlororibosome
7	c6hma4_	 Alignment		99.9	70	PDB header: ribosome Chain: 4: PDB Molecule: 50s ribosomal protein l36; PDBTitle: improved model derived from cryo-em map of staphylococcus aureus large2 ribosomal subunit
8	d2zjr41	 Alignment		99.9	65	Fold: Ribosomal protein L36 Superfamily: Ribosomal protein L36 Family: Ribosomal protein L36
9	c5mlc6_	 Alignment		99.9	70	PDB header: ribosome Chain: 6: PDB Molecule: 50s ribosomal protein l36, chloroplastic; PDBTitle: cryo-em structure of the spinach chloroplast ribosome reveals the2 location of plastid-specific ribosomal proteins and extensions
10	c2qao4_	 Alignment		99.8	51	PDB header: ribosome Chain: 4: PDB Molecule: 50s ribosomal protein l36; PDBTitle: crystal structure of the bacterial ribosome from escherichia coli in2 complex with neomycin. this file contains the 50s subunit of the3 second 70s ribosome, with neomycin bound. the entire crystal4 structure contains two 70s ribosomes and is described in remark 400.
11	c2qbk4_	 Alignment		99.8	51	PDB header: ribosome Chain: 4: PDB Molecule: 50s ribosomal protein l36; PDBTitle: crystal structure of the bacterial ribosome from escherichia coli in2 complex with gentamicin and ribosome recycling factor (rrf). this3 file contains the 50s subunit of the second 70s ribosome, with4 gentamicin and rrf bound. the entire crystal structure contains two5 70s ribosomes and is described in remark 400.

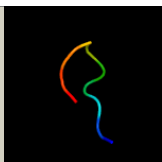
12	c3j7y4_	 Alignment		99.8	49	PDB header: ribosome Chain: 4; PDB Molecule: bl36; PDBTitle: structure of the large ribosomal subunit from human mitochondria
13	c4ce49_	 Alignment		99.8	43	PDB header: ribosome Chain: 9; PDB Molecule: mrpl36; PDBTitle: 39s large subunit of the porcine mitochondrial ribosome
14	c5xs1A_	 Alignment		24.0	22	PDB header: hormone Chain: A; PDB Molecule: hyperglycemic hormone-like peptide; PDBTitle: solution structure of crustacean hyperglycemic hormone-like (chh-l)2 from the scylla olivacea
15	c1j0ta_	 Alignment		20.6	24	PDB header: hormone/growth factor Chain: A; PDB Molecule: molt-inhibiting hormone; PDBTitle: the solution structure of molt-inhibiting hormone from the2 kuruma prawn
16	d1j0ta_	 Alignment		20.6	24	Fold: Crustacean CHH/MIH/GIH neurohormone Superfamily: Crustacean CHH/MIH/GIH neurohormone Family: Crustacean CHH/MIH/GIH neurohormone
17	c5b5iB_	 Alignment		20.5	28	PDB header: hormone Chain: B; PDB Molecule: crustacean hyperglycemic hormones 1; PDBTitle: the crystal structure of a crustacean hyperglycemic hormone precursor2 from the kuruma prawn
18	c1cz6A_	 Alignment		8.3	26	PDB header: toxin Chain: A; PDB Molecule: protein (androctonin); PDBTitle: solution structure of androctonin
19	d1rkia1	 Alignment		8.2	44	Fold: THUMP domain Superfamily: THUMP domain-like Family: PAE0736-like

20

[d2cs3a1](#)



Alignment



8.2

60

Fold:RING/U-box
Superfamily:RING/U-box
Family:Variant RING domain