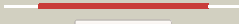
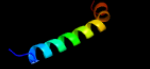


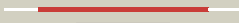
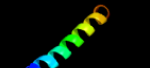

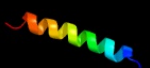

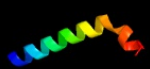





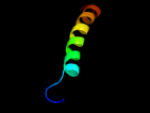




Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0500B (-) _591478_591579
Date	Fri Jul 26 01:50:04 BST 2019
Unique Job ID	71b9f4314d9dfe71

Detailed template information

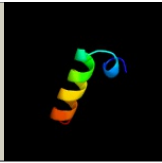
#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6dzkB_	 Alignment		99.7	100	PDB header: ribosome Chain: B; PDB Molecule: conserved domain protein; PDBTitle: cryo-em structure of mycobacterium smegmatis c(minus) 30s ribosomal2 subunit with mpy
2	c5o5jB_	 Alignment		99.7	100	PDB header: ribosome Chain: B; PDB Molecule: conserved domain protein; PDBTitle: structure of the 30s small ribosomal subunit from mycobacterium2 smegmatis
3	c5zeuu_	 Alignment		99.7	100	PDB header: ribosome Chain: U; PDB Molecule: PDBTitle: m. smegmatis p/p state 30s ribosomal subunit
4	c5xyuU_	 Alignment		99.3	100	PDB header: ribosome Chain: U; PDB Molecule: conserved domain protein; PDBTitle: small subunit of mycobacterium smegmatis ribosome
5	c5aj3n_	 Alignment		87.7	50	PDB header: ribosome Chain: N; PDB Molecule: mitoribosomal protein us14m, mrps14; PDBTitle: structure of the small subunit of the mammalian mitoribosome
6	c6nf8n_	 Alignment		83.1	54	PDB header: ribosomal protein Chain: N; PDB Molecule: 28s ribosomal protein s14, mitochondrial; PDBTitle: structure of human mitochondrial translation initiation factor 3 bound2 to the small ribosomal subunit -class i
7	c3j3v2_	 Alignment		12.2	50	PDB header: ribosome Chain: 2; PDB Molecule: 50s ribosomal protein l34; PDBTitle: atomic model of the immature 50s subunit from bacillus subtilis (state2 i-a)
8	c3j0xX_	 Alignment		10.9	34	PDB header: ribosome Chain: X; PDB Molecule: 30s ribosomal protein s21; PDBTitle: structural characterization of mrna-trna translocation intermediates2 (30s ribosome of class 4b of the six classes)
9	c5o60d_	 Alignment		8.5	27	PDB header: ribosome Chain: D; PDB Molecule: 50s ribosomal protein l3; PDBTitle: structure of the 50s large ribosomal subunit from mycobacterium2 smegmatis

10

[c3oat2_](#)



Alignment



7.8

43

PDB header:ribosome/antibiotic
Chain: 2: **PDB Molecule:**50s ribosomal protein I34;
PDBTitle: crystal structure of the e. coli ribosome bound to telithromycin. this2 file contains the 50s subunit of the first 70s ribosome with3 telithromycin bound.