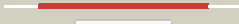
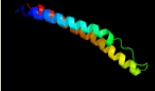

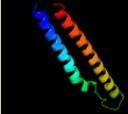
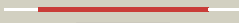
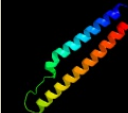



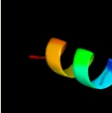


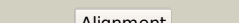



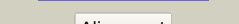





Phyre2

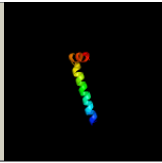
Email mdejesus@rockefeller.edu
 Description RVBD3650_(PE33)_4091412_4091696
 Date Fri Aug 9 18:20:33 BST 2019
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Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5xfsA_	 Alignment		100.0	47	PDB header: protein transport Chain: A; PDB Molecule: pe family protein pe8; PDBTitle: crystal structure of pe8-ppe15 in complex with esp95 from m.2 tuberculosis
2	d2g38a1	 Alignment		100.0	29	Fold: Ferritin-like Superfamily: PE/PPE dimer-like Family: PE
3	c2g38A_	 Alignment		100.0	29	PDB header: structural genomics, unknown function Chain: A; PDB Molecule: pe family protein; PDBTitle: a pe/ppe protein complex from mycobacterium tuberculosis
4	d1lghb_	 Alignment		27.7	36	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
5	c5v8wG_	 Alignment		19.8	18	PDB header: hydrolase Chain: G; PDB Molecule: integrator complex subunit 9; PDBTitle: crystal structure of human integrator ints9-ints11 ctd complex
6	c1wrgA_	 Alignment		17.8	29	PDB header: membrane protein Chain: A; PDB Molecule: light-harvesting protein b-880, beta chain; PDBTitle: light-harvesting complex 1 beta subunit from wild-type2 rhodospirillum rubrum
7	c4iogD_	 Alignment		17.7	14	PDB header: unknown function Chain: D; PDB Molecule: secreted protein esxb; PDBTitle: the crystal structure of a secreted protein esxb (wild-type, in p212 space group) from bacillus anthracis str. Sterne
8	c3onjA_	 Alignment		15.5	17	PDB header: protein transport Chain: A; PDB Molecule: t-snare vti1; PDBTitle: crystal structure of yeast vti1p_habc domain
9	c3gvmA_	 Alignment		13.6	11	PDB header: viral protein Chain: A; PDB Molecule: putative uncharacterized protein sag1039; PDBTitle: structure of the homodimeric wxg-100 family protein from streptococcus2 agalactiae
10	c6et5u_	 Alignment		10.7	29	PDB header: photosynthesis Chain: U; PDB Molecule: light-harvesting protein b-1015 gamma chain; PDBTitle: reaction centre light harvesting complex 1 from blc. viridis

11 [c2w0cR_](#)

Alignment



6.9

29

PDB header:virus
Chain: R: **PDB Molecule:**protein p3;
PDBTitle: x-ray structure of the entire lipid-containing bacteriophage pm2