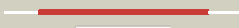
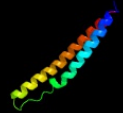


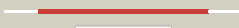






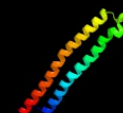
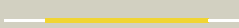











Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD1791_(PE19)_2029911_2030210
 Date Fri Aug 2 13:30:40 BST 2019
 Unique Job ID 9654d64585445d21

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5xfsA_	 Alignment		100.0	64	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	c2g38A_	 Alignment		100.0	35	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: pe family protein; PDBTitle: a pe/ppe protein complex from mycobacterium tuberculosis
3	d2g38a1	 Alignment		100.0	35	Fold: Ferritin-like Superfamily: PE/PPE dimer-like Family: PE
4	c3gvmA_	 Alignment		83.0	16	PDB header: viral protein Chain: A: PDB Molecule: putative uncharacterized protein sag1039; PDBTitle: structure of the homodimeric wxg-100 family protein from streptococcus2 agalactiae
5	d1wa8a1	 Alignment		78.1	12	Fold: Ferritin-like Superfamily: EsxAB dimer-like Family: ESAT-6 like
6	c4iogD_	 Alignment		72.4	17	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
7	c4wj2A_	 Alignment		71.7	16	PDB header: unknown function Chain: A: PDB Molecule: antigen mtb48; PDBTitle: mycobacterial protein
8	c3zbhC_	 Alignment		68.6	13	PDB header: unknown function Chain: C: PDB Molecule: esxa; PDBTitle: geobacillus thermodenitrificans esxa crystal form i
9	c2vs0B_	 Alignment		57.7	11	PDB header: cell invasion Chain: B: PDB Molecule: virulence factor esxa; PDBTitle: structural analysis of homodimeric staphylococcal aureus2 virulence factor esxa
10	d1lghb_	 Alignment		33.4	38	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
11	c1wrgA_	 Alignment		24.1	23	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

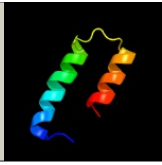
12	c2kg7B_	Alignment		15.0	18	<p>PDB header: unknown function Chain: B; PDB Molecule: esat-6-like protein esxh; PDBTitle: structure and features of the complex formed by the tuberculosis2 virulence factors rv0287 and rv0288</p>
13	c6et5u_	Alignment		13.7	31	<p>PDB header: photosynthesis Chain: U; PDB Molecule: light-harvesting protein b-1015 gamma chain; PDBTitle: reaction centre light harvesting complex 1 from blc. viridis</p>
14	c3onjA_	Alignment		13.3	17	<p>PDB header: protein transport Chain: A; PDB Molecule: t-snare vti1; PDBTitle: crystal structure of yeast vti1p_habc domain</p>
15	d1wa8b1	Alignment		12.9	11	<p>Fold: Ferritin-like Superfamily: EsxAB dimer-like Family: ESAT-6 like</p>
16	c4lwsA_	Alignment		11.3	18	<p>PDB header: unknown function Chain: A; PDB Molecule: uncharacterized protein; PDBTitle: esxa : esxb (semet) hetero-dimer from thermomonospora curvata</p>
17	c4lwsB_	Alignment		9.8	7	<p>PDB header: unknown function Chain: B; PDB Molecule: uncharacterized protein; PDBTitle: esxa : esxb (semet) hetero-dimer from thermomonospora curvata</p>

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[c4rglA_](#)



Alignment



6.4

18

PDB header: dna binding protein
Chain: A: **PDB Molecule:** filamentation induced by camp protein fic;
PDB title: crystal structure of a fic family protein (dde_2494) from *Desulfovibrio desulfuricans* G20 at 2.70 Å resolution