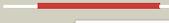
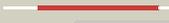
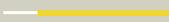
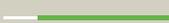
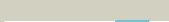
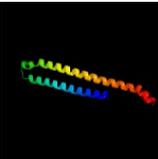


Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD0832_(PE_PGRS12)_924954_925367
 Date Fri Jul 26 01:50:42 BST 2019
 Unique Job ID f3d55eba633aa1a2

Detailed template information

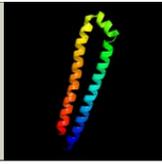
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1	c5xfsA_	 Alignment		100.0	46	PDB header: protein transport Chain: A: PDB Molecule: pe family protein pe8; PDBTitle: crystal structure of pe8-ppe15 in complex with esp95 from m.2 tuberculosis
2	c2g38A_	 Alignment		100.0	39	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: pe family protein; PDBTitle: a pe/ppe protein complex from mycobacterium tuberculosis
3	d2g38a1	 Alignment		100.0	39	Fold: Ferritin-like Superfamily: PE/PPE dimer-like Family: PE
4	d1wa8a1	 Alignment		80.4	18	Fold: Ferritin-like Superfamily: EsxAB dimer-like Family: ESAT-6 like
5	c3gvmA_	 Alignment		77.3	13	PDB header: viral protein Chain: A: PDB Molecule: putative uncharacterized protein sag1039; PDBTitle: structure of the homodimeric wxg-100 family protein from streptococcus2 agalactiae
6	c4wj2A_	 Alignment		77.0	19	PDB header: unknown function Chain: A: PDB Molecule: antigen mtb48; PDBTitle: mycobacterial protein
7	c4iogD_	 Alignment		52.2	9	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	c2vs0B_	 Alignment		50.7	10	PDB header: cell invasion Chain: B: PDB Molecule: virulence factor esxa; PDBTitle: structural analysis of homodimeric staphylococcal aureus2 virulence factor esxa
9	c3zbhC_	 Alignment		44.6	16	PDB header: unknown function Chain: C: PDB Molecule: esxa; PDBTitle: geobacillus thermodenitrificans esxa crystal form i
10	d1lghb_	 Alignment		32.2	31	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
11	c1wrgA_	 Alignment		23.7	31	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	c4lwsA_	Alignment		23.4	22	PDB header: unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: esxa : esxb (semet) hetero-dimer from thermomonospora curvata
13	c3onjA_	Alignment		14.8	25	PDB header: protein transport Chain: A: PDB Molecule: t-snare vti1; PDBTitle: crystal structure of yeast vti1p_habc domain
14	c6et5u_	Alignment		13.5	38	PDB header: photosynthesis Chain: U: PDB Molecule: light-harvesting protein b-1015 gamma chain; PDBTitle: reaction centre light harvesting complex 1 from blc. viridis
15	d2dkya1	Alignment		7.3	14	Fold: SAM domain-like Superfamily: SAM/Pointed domain Family: Variant SAM domain
16	c4rglA_	Alignment		6.8	26	PDB header: dna binding protein Chain: A: PDB Molecule: filamentation induced by camp protein fic; PDBTitle: crystal structure of a fic family protein (dde_2494) from2 desulfovibrio desulfuricans g20 at 2.70 a resolution

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[c4lwsB_](#)

Alignment



6.5

14

PDB header: unknown function

Chain: B: **PDB Molecule:** uncharacterized protein;

PDB Title: esxa : esxb (semet) hetero-dimer from thermomonospora curvata