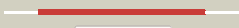
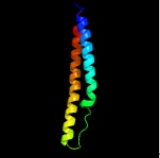

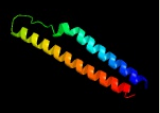

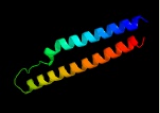
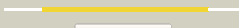
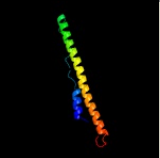
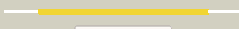
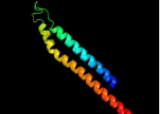
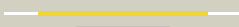
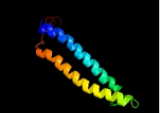
















# Phyre2

Email [mdejesus@rockefeller.edu](mailto:mdejesus@rockefeller.edu)  
 Description RVBD1169c\_(PE11)\_1299827\_1300129  
 Date Wed Jul 31 22:05:25 BST 2019  
 Unique Job ID a8a6e5a480c07b4c

Detailed template information

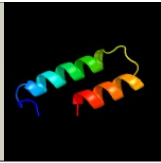
#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c5xfsA_</a>	 Alignment		100.0	31	<b>PDB header:</b> protein transport <b>Chain:</b> A; <b>PDB Molecule:</b> pe family protein pe8; <b>PDBTitle:</b> crystal structure of pe8-ppe15 in complex with esp95 from m.2 tuberculosis
2	<a href="#">d2g38a1</a>	 Alignment		100.0	27	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> PE/PPE dimer-like <b>Family:</b> PE
3	<a href="#">c2g38A_</a>	 Alignment		100.0	27	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> pe family protein; <b>PDBTitle:</b> a pe/ppe protein complex from mycobacterium tuberculosis
4	<a href="#">c4wj2A_</a>	 Alignment		77.5	11	<b>PDB header:</b> unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> antigen mtb48; <b>PDBTitle:</b> mycobacterial protein
5	<a href="#">c3gvmA_</a>	 Alignment		76.6	11	<b>PDB header:</b> viral protein <b>Chain:</b> A; <b>PDB Molecule:</b> putative uncharacterized protein sag1039; <b>PDBTitle:</b> structure of the homodimeric wxg-100 family protein from streptococcus2 agalactiae
6	<a href="#">d1wa8a1</a>	 Alignment		73.3	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> EsxAB dimer-like <b>Family:</b> ESAT-6 like
7	<a href="#">c4iogD_</a>	 Alignment		65.9	14	<b>PDB header:</b> unknown function <b>Chain:</b> D; <b>PDB Molecule:</b> secreted protein esxb; <b>PDBTitle:</b> the crystal structure of a secreted protein esxb (wild-type, in p212 space group) from bacillus anthracis str. Sterne
8	<a href="#">c2vs0B_</a>	 Alignment		49.3	8	<b>PDB header:</b> cell invasion <b>Chain:</b> B; <b>PDB Molecule:</b> virulence factor esxa; <b>PDBTitle:</b> structural analysis of homodimeric staphylococcal aureus2 virulence factor esxa
9	<a href="#">d1lghb_</a>	 Alignment		33.1	31	<b>Fold:</b> Light-harvesting complex subunits <b>Superfamily:</b> Light-harvesting complex subunits <b>Family:</b> Light-harvesting complex subunits
10	<a href="#">c1wrgA_</a>	 Alignment		23.3	23	<b>PDB header:</b> membrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> light-harvesting protein b-880, beta chain; <b>PDBTitle:</b> light-harvesting complex 1 beta subunit from wild-type2 rhodospirillum rubrum
11	<a href="#">c3zbhC_</a>	 Alignment		20.9	11	<b>PDB header:</b> unknown function <b>Chain:</b> C; <b>PDB Molecule:</b> esxa; <b>PDBTitle:</b> geobacillus thermodenitrificans esxa crystal form i

12	<a href="#">c6et5u_</a>	Alignment		13.1	31	<p><b>PDB header:</b> photosynthesis  <b>Chain:</b> U: <b>PDB Molecule:</b> light-harvesting protein b-1015 gamma chain;  <b>PDBTitle:</b> reaction centre light harvesting complex 1 from blc. viridis</p>
13	<a href="#">c4lwsB_</a>	Alignment		8.7	10	<p><b>PDB header:</b> unknown function  <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein;  <b>PDBTitle:</b> esxa : esxb (semet) hetero-dimer from thermomonospora curvata</p>
14	<a href="#">c4lwsA_</a>	Alignment		8.1	9	<p><b>PDB header:</b> unknown function  <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein;  <b>PDBTitle:</b> esxa : esxb (semet) hetero-dimer from thermomonospora curvata</p>
15	<a href="#">c3onjA_</a>	Alignment		7.4	17	<p><b>PDB header:</b> protein transport  <b>Chain:</b> A: <b>PDB Molecule:</b> t-snare vti1;  <b>PDBTitle:</b> crystal structure of yeast vti1p_habc domain</p>

16

[c4rglA\\_](#)

Alignment



6.9

16

**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