
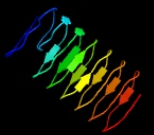

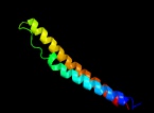

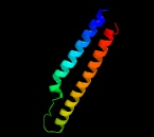

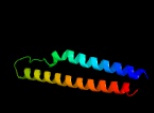

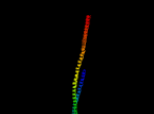

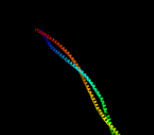








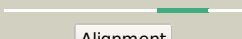
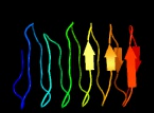

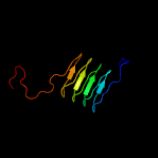
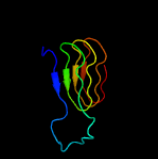


# Phyre2

Email mdejesus@rockefeller.edu  
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 Date Mon Aug 5 13:25:47 BST 2019  
 Unique Job ID 3f3e27d2bf18df34

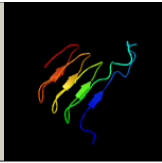
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3ultB_</a>	 Alignment		98.5	16	<b>PDB header:</b> antifreeze protein <b>Chain:</b> B: <b>PDB Molecule:</b> ice recrystallization inhibition protein-like protein; <b>PDBTitle:</b> crystal structure of an ice-binding protein from the perennial2 ryegrass, lolium perenne
2	<a href="#">c5xfsA_</a>	 Alignment		98.1	50	<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-ppp15 in complex with esp95 from m.2 tuberculosis
3	<a href="#">c2g38A_</a>	 Alignment		97.9	36	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> pe family protein; <b>PDBTitle:</b> a pe/ppp protein complex from mycobacterium tuberculosis
4	<a href="#">d2g38a1</a>	 Alignment		97.9	36	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> PE/PPE dimer-like <b>Family:</b> PE
5	<a href="#">c1qu7A_</a>	 Alignment		97.7	14	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> methyl-accepting chemotaxis protein i; <b>PDBTitle:</b> four helical-bundle structure of the cytoplasmic domain of a serine2 chemotaxis receptor
6	<a href="#">c2ch7A_</a>	 Alignment		97.5	9	<b>PDB header:</b> chemotaxis <b>Chain:</b> A: <b>PDB Molecule:</b> methyl-accepting chemotaxis protein; <b>PDBTitle:</b> crystal structure of the cytoplasmic domain of a bacterial2 chemoreceptor from thermotoga maritima
7	<a href="#">c3s61D_</a>	 Alignment		94.2	19	<b>PDB header:</b> cell adhesion <b>Chain:</b> D: <b>PDB Molecule:</b> hep_hag family; <b>PDBTitle:</b> crystal structure of a yada-like head domain of the trimeric2 autotransporter adhesin boaa from burkholderia pseudomallei solved by3 iodide ion sad phasing
8	<a href="#">c2yo3C_</a>	 Alignment		94.0	7	<b>PDB header:</b> membrane protein <b>Chain:</b> C: <b>PDB Molecule:</b> general control protein gcn4, putative inner membrane <b>PDBTitle:</b> salmonella enterica sada 1185-1386 fused to gcn4 adaptors (sadaK14)
9	<a href="#">c5ic1A_</a>	 Alignment		93.2	9	<b>PDB header:</b> peptide binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> talin-1; <b>PDBTitle:</b> structural analysis of a talin triple domain module, e1794y, e1797y,2 q1801y mutant
10	<a href="#">c2xqhA_</a>	 Alignment		44.7	17	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> immunoglobulin-binding protein eibd; <b>PDBTitle:</b> crystal structure of an immunoglobulin-binding fragment of the2 trimeric autotransporter adhesin eibd
11	<a href="#">c3ntnB_</a>	 Alignment		41.6	9	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> uspa1; <b>PDBTitle:</b> crystal structure of uspa1 head and neck domain from moraxella2 catarrhalis

12	<a href="#">c4iogD_</a>	Alignment		9.7	10	<p><b>PDB header:</b> unknown function</p> <p><b>Chain:</b> D: <b>PDB Molecule:</b> secreted protein esxb;</p> <p><b>PDBTitle:</b> the crystal structure of a secreted protein esxb (wild-type, in p212 space group) from bacillus anthracis str. sterne</p>
13	<a href="#">c2yo1A_</a>	Alignment		8.9	12	<p><b>PDB header:</b> membrane protein</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b> general control protein gcn4, putative inner membrane</p> <p><b>PDBTitle:</b> salmonella enterica sada 1049-1304 fused to gcn4 adaptors (sadaK9-2 cfii)</p>
14	<a href="#">d1p9ha_</a>	Alignment		7.8	13	<p><b>Fold:</b> Single-stranded left-handed beta-helix</p> <p><b>Superfamily:</b> Adhesin YadA, collagen-binding domain</p> <p><b>Family:</b> Adhesin YadA, collagen-binding domain</p>

15 [c1p9hA](#)

Alignment



7.8

13

**PDB header:** cell adhesion  
**Chain:** A: **PDB Molecule:** invasin;  
**PDB Title:** crystal structure of the collagen-binding domain of yersinia adhesin2 yada