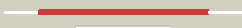
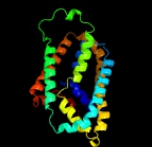







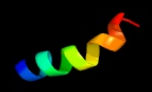









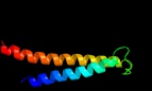




# Phyre2

Email mdejesus@rockefeller.edu  
 Description RVBD0527\_(ccdA)\_617496\_618275  
 Date Fri Jul 26 01:50:07 BST 2019  
 Unique Job ID ba7253fe3c16b47c

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c5kvA_</a>	 Alignment		100.0	34	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> cytochrome c-type biogenesis protein ccda; <b>PDBTitle:</b> solution nmr structure of the membrane electron transporter ccda
2	<a href="#">c2n4xA_</a>	 Alignment		100.0	18	<b>PDB header:</b> membrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> cytochrome c-type biogenesis protein (ccda); <b>PDBTitle:</b> structure of the transmembrane electron transporter ccda
3	<a href="#">c5njgB_</a>	 Alignment		20.3	10	<b>PDB header:</b> transport protein <b>Chain:</b> B; <b>PDB Molecule:</b> atp-binding cassette sub-family g member 2; <b>PDBTitle:</b> structure of an abc transporter: part of the structure that could be2 built de novo
4	<a href="#">c4zjvD_</a>	 Alignment		15.0	50	<b>PDB header:</b> transferase/inhibitor <b>Chain:</b> D; <b>PDB Molecule:</b> erbB receptor feedback inhibitor 1; <b>PDBTitle:</b> crystal structure of egfr kinase domain in complex with mitogen-2 inducible gene 6 protein
5	<a href="#">d1v54L_</a>	 Alignment		13.6	17	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Mitochondrial cytochrome c oxidase subunit VIIc (aka VIIla) <b>Family:</b> Mitochondrial cytochrome c oxidase subunit VIIc (aka VIIla)
6	<a href="#">c2y69Y_</a>	 Alignment		10.8	17	<b>PDB header:</b> electron transport <b>Chain:</b> Y; <b>PDB Molecule:</b> cytochrome c oxidase subunit 7c; <b>PDBTitle:</b> bovine heart cytochrome c oxidase re-refined with molecular oxygen
7	<a href="#">c5do7B_</a>	 Alignment		9.5	10	<b>PDB header:</b> transport protein <b>Chain:</b> B; <b>PDB Molecule:</b> atp-binding cassette sub-family g member 8; <b>PDBTitle:</b> crystal structure of the human sterol transporter abcg5/abcg8
8	<a href="#">c1xyr6_</a>	 Alignment		9.2	67	<b>PDB header:</b> virus <b>Chain:</b> 6; <b>PDB Molecule:</b> genome polyprotein, coat protein vp3; <b>PDB Fragment:</b> residues 620-630 <b>PDBTitle:</b> poliovirus 135s cell entry intermediate
9	<a href="#">c6mjpf_</a>	 Alignment		7.5	10	<b>PDB header:</b> lipid transport <b>Chain:</b> F; <b>PDB Molecule:</b> fig000988: predicted permease; <b>PDBTitle:</b> lptb(e163q)fgc from vibrio cholerae
10	<a href="#">c4p79A_</a>	 Alignment		6.4	17	<b>PDB header:</b> cell adhesion <b>Chain:</b> A; <b>PDB Molecule:</b> claudin-15; <b>PDBTitle:</b> crystal structure of mouse claudin-15
11	<a href="#">c2hg5D_</a>	 Alignment		6.2	11	<b>PDB header:</b> membrane protein <b>Chain:</b> D; <b>PDB Molecule:</b> kcsa channel; <b>PDBTitle:</b> cs+ complex of a k channel with an amide to ester substitution in the2 selectivity filter

12 [d1eaka5](#)

Alignment



5.1

67

**Fold:** Kringle-like  
**Superfamily:** Kringle-like  
**Family:** Fibronectin type II module