
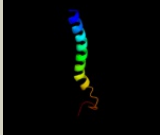









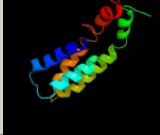
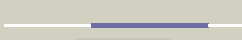




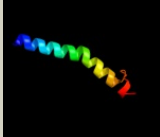



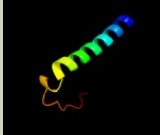


# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P72358
Date	Tue Jul 17 17:05:13 BST 2012
Unique Job ID	c27a6a3e0d9c09fc

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2kncA_</a>	 Alignment		32.3	9	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiB; <b>PDBTitle:</b> platelet integrin alpha-iiB-beta3 transmembrane-cytoplasmic2 heterocomplex
2	<a href="#">d1iwga8</a>	 Alignment		23.8	18	<b>Fold:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Superfamily:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Family:</b> Multidrug efflux transporter AcrB transmembrane domain
3	<a href="#">d1fftb2</a>	 Alignment		23.6	13	<b>Fold:</b> Transmembrane helix hairpin <b>Superfamily:</b> Cytochrome c oxidase subunit II-like, transmembrane region <b>Family:</b> Cytochrome c oxidase subunit II-like, transmembrane region
4	<a href="#">c2yevB_</a>	 Alignment		18.1	14	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c oxidase subunit 2; <b>PDBTitle:</b> structure of caa3-type cytochrome oxidase
5	<a href="#">c2kncB_</a>	 Alignment		11.0	22	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> integrin beta-3; <b>PDBTitle:</b> platelet integrin alpha-iiB-beta3 transmembrane-cytoplasmic2 heterocomplex
6	<a href="#">c1oy8A_</a>	 Alignment		10.1	15	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> acriflavine resistance protein b; <b>PDBTitle:</b> structural basis of multiple drug binding capacity of the acrB2 multidrug efflux pump
7	<a href="#">c3g5uB_</a>	 Alignment		10.0	15	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> multidrug resistance protein 1a; <b>PDBTitle:</b> structure of p-glycoprotein reveals a molecular basis for2 poly-specific drug binding
8	<a href="#">d2hyda2</a>	 Alignment		9.6	8	<b>Fold:</b> ABC transporter transmembrane region <b>Superfamily:</b> ABC transporter transmembrane region <b>Family:</b> ABC transporter transmembrane region
9	<a href="#">d2oara1</a>	 Alignment		7.0	5	<b>Fold:</b> Gated mechanosensitive channel <b>Superfamily:</b> Gated mechanosensitive channel <b>Family:</b> Gated mechanosensitive channel
10	<a href="#">c212tA_</a>	 Alignment		6.5	15	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> receptor tyrosine-protein kinase erbB-4; <b>PDBTitle:</b> solution nmr structure of the erbB4 dimeric membrane domain
11	<a href="#">d3ehbb2</a>	 Alignment		5.9	8	<b>Fold:</b> Transmembrane helix hairpin <b>Superfamily:</b> Cytochrome c oxidase subunit II-like, transmembrane region <b>Family:</b> Cytochrome c oxidase subunit II-like, transmembrane region

12 [c3kcvG\\_](#)

Alignment



5.6

11

**PDB header:**transport protein  
**Chain:** G: **PDB Molecule:**probable formate transporter 1;  
**PDBTitle:** structure of formate channel

13 [dlveka\\_](#)

Alignment



5.3

25

**Fold:**RuvA C-terminal domain-like  
**Superfamily:**UBA-like  
**Family:**UBA domain