
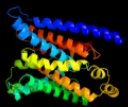















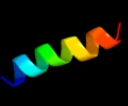


# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P39328
Date	Thu Jan 5 11:59:22 GMT 2012
Unique Job ID	a2910c4f8b894d01

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1l7va_</a>	 Alignment		97.9	13	<b>Fold:</b> ABC transporter involved in vitamin B12 uptake, BtuC <b>Superfamily:</b> ABC transporter involved in vitamin B12 uptake, BtuC <b>Family:</b> ABC transporter involved in vitamin B12 uptake, BtuC
2	<a href="#">c2nq2A_</a>	 Alignment		96.8	17	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical abc transporter permease protein <b>PDBTitle:</b> an inward-facing conformation of a putative metal-chelate2 type abc transporter.
3	<a href="#">c3b9yA_</a>	 Alignment		49.9	14	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> ammonium transporter family rh-like protein; <b>PDBTitle:</b> crystal structure of the nitrosomonas europaea rh protein
4	<a href="#">c2b2hA_</a>	 Alignment		36.3	13	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> ammonium transporter; <b>PDBTitle:</b> ammonium transporter amt-1 from a. fulgidus (as)
5	<a href="#">c3pxpA_</a>	 Alignment		15.8	18	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> helix-turn-helix domain protein; <b>PDBTitle:</b> crystal structure of a pas and dna binding domain containing protein2 (caur_2278) from chloroflexus aurantiacus j-10-fl at 2.30 a3 resolution
6	<a href="#">d2e74g1</a>	 Alignment		11.6	29	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> PetG subunit of the cytochrome b6f complex <b>Family:</b> PetG subunit of the cytochrome b6f complex
7	<a href="#">c4a18U_</a>	 Alignment		9.6	25	<b>PDB header:</b> ribosome <b>Chain:</b> U: <b>PDB Molecule:</b> rpl13; <b>PDBTitle:</b> t.thermophila 60s ribosomal subunit in complex with initiation2 factor 6. this file contains 26s rrna and proteins of molecule 1
8	<a href="#">c3u5eL_</a>	 Alignment		9.3	20	<b>PDB header:</b> ribosome <b>Chain:</b> L: <b>PDB Molecule:</b> 60s ribosomal protein l13-a; <b>PDBTitle:</b> the structure of the eukaryotic ribosome at 3.0 resolution
9	<a href="#">c1etfB_</a>	 Alignment		6.2	17	<b>PDB header:</b> viral protein/rna <b>Chain:</b> B: <b>PDB Molecule:</b> rev peptide; <b>PDBTitle:</b> rev response element (rre) rna complexed with rev peptide,2 nmr, minimized average structure

10

[c1etgB\\_](#)

Alignment



6.2

17

**PDB header:**viral protein/rna  
**Chain:** B: **PDB Molecule:**rev peptide;  
**PDBTitle:** rev response element (rre) rna complexed with rev peptide,2 nmr, 19 structures