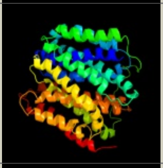
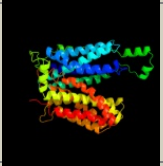
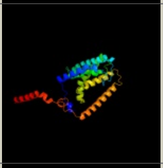
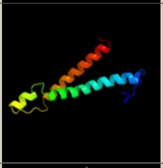
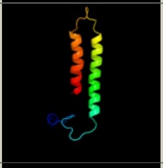
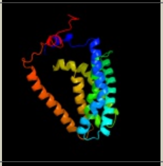
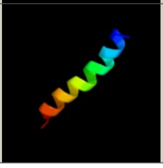
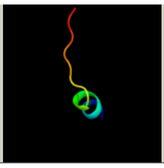
Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P09836
Date	Thu Jan 5 11:02:32 GMT 2012
Unique Job ID	b6cd1cf020a03ad6

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1pw4a_	Alignment		100.0	37	**Fold:**MFS general substrate transporter **Superfamily:**MFS general substrate transporter **Family:**Glycerol-3-phosphate transporter
2	c2gfpA_	Alignment		100.0	18	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**multidrug resistance protein d; **PDBTitle:** structure of the multidrug transporter emrd from2 escherichia coli
3	d1pv7a_	Alignment		100.0	11	**Fold:**MFS general substrate transporter **Superfamily:**MFS general substrate transporter **Family:**LacY-like proton/sugar symporter
4	c3o7pA_	Alignment		100.0	13	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**l-fucose-proton symporter; **PDBTitle:** crystal structure of the e.coli fucose:proton symporter, fucp (n162a)
5	c2xutC_	Alignment		100.0	12	**PDB header:**transport protein **Chain:** C: **PDB Molecule:**proton/peptide symporter family protein; **PDBTitle:** crystal structure of a proton dependent oligopeptide (pot)2 family transporter.
6	c3b9yA_	Alignment		84.5	10	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**ammonium transporter family rh-like protein; **PDBTitle:** crystal structure of the nitrosomonas europaea rh protein
7	c2wwaA_	Alignment		12.6	8	**PDB header:**ribosome **Chain:** A: **PDB Molecule:**sec sixty-one protein homolog; **PDBTitle:** cryo-em structure of idle yeast ssh1 complex bound to the2 yeast 80s ribosome
8	c2w2eA_	Alignment		11.2	21	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**aquaporin; **PDBTitle:** 1.15 angstrom crystal structure of p.pastoris aquaporin,2 aqy1, in a closed conformation at ph 3.5
9	c3hd6A_	Alignment		9.4	15	**PDB header:**membrane protein, transport protein **Chain:** A: **PDB Molecule:**ammonium transporter rh type c; **PDBTitle:** crystal structure of the human rhesus glycoprotein rhcg
10	c2g9pA_	Alignment		9.4	7	**PDB header:**antimicrobial protein **Chain:** A: **PDB Molecule:**antimicrobial peptide latarcin 2a; **PDBTitle:** nmr structure of a novel antimicrobial peptide, latarcin 2a,2 from spider (lachesana tarabaevi) venom
11	c2rddB_	Alignment		7.1	17	**PDB header:**membrane protein/transport protein **Chain:** B: **PDB Molecule:**upf0092 membrane protein yajc; **PDBTitle:** x-ray crystal structure of acrb in complex with a novel2 transmembrane helix.

12	c1hn3A_	 Alignment		6.1	33	**PDB header:**antitumor protein **Chain:** A: **PDB Molecule:**p19 arf protein; **PDBTitle:** solution structure of the n-terminal 37 amino acids of the2 mouse arf tumor suppressor protein