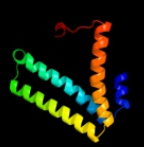
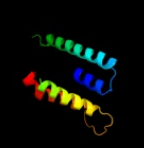
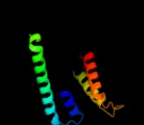
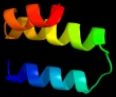
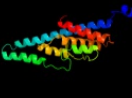
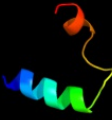


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0AD30
Date	Thu Jan 5 11:19:49 GMT 2012
Unique Job ID	80889a71e50457b8

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3lrcC_	 Alignment		14.9	10	PDB header: transport protein Chain: C: PDB Molecule: arginine/agmatine antiporter; PDBTitle: structure of e. coli adic (p1)
2	c3giaA_	 Alignment		13.6	10	PDB header: transport protein Chain: A: PDB Molecule: uncharacterized protein mj0609; PDBTitle: crystal structure of apct transporter
3	dlj4na_	 Alignment		11.7	11	Fold: Aquaporin-like Superfamily: Aquaporin-like Family: Aquaporin-like
4	c2j83B_	 Alignment		9.1	38	PDB header: hydrolase Chain: B: PDB Molecule: ulilysin; PDBTitle: ulilysin metalloprotease in complex with batimastat.
5	c3llqB_	 Alignment		8.9	13	PDB header: membrane protein Chain: B: PDB Molecule: aquaporin z 2; PDBTitle: aquaporin structure from plant pathogen agrobacterium tumefaciens
6	dlfx8a_	 Alignment		8.7	12	Fold: Aquaporin-like Superfamily: Aquaporin-like Family: Aquaporin-like
7	c2d57A_	 Alignment		7.0	17	PDB header: transport protein Chain: A: PDB Molecule: aquaporin-4; PDBTitle: double layered 2d crystal structure of aquaporin-4 (aqp4m23) at 3.2 a2 resolution by electron crystallography
8	c1ldaA_	 Alignment		6.5	18	PDB header: transport protein Chain: A: PDB Molecule: glycerol uptake facilitator protein; PDBTitle: crystal structure of the e. coli glycerol facilitator (glpf) without2 substrate glycerol
9	dlymga1	 Alignment		6.5	15	Fold: Aquaporin-like Superfamily: Aquaporin-like Family: Aquaporin-like
10	c1ymgA_	 Alignment		6.5	15	PDB header: membrane protein Chain: A: PDB Molecule: lens fiber major intrinsic protein; PDBTitle: the channel architecture of aquaporin o at 2.2 angstrom resolution
11	c3klzE_	 Alignment		6.3	17	PDB header: membrane protein Chain: E: PDB Molecule: putative formate transporter 1; PDBTitle: pentameric formate channel with formate bound

12	c1ciiA_	Alignment		6.2	16	PDB header: transmembrane protein Chain: A: PDB Molecule: colicin ia; PDBTitle: colicin ia
13	d1u7ga_	Alignment		5.9	12	Fold: Ammonium transporter Superfamily: Ammonium transporter Family: Ammonium transporter
14	c3c02A_	Alignment		5.8	16	PDB header: membrane protein Chain: A: PDB Molecule: aquaglyceroporin; PDBTitle: x-ray structure of the aquaglyceroporin from plasmodium falciparum
15	c3hfwA_	Alignment		5.7	8	PDB header: hydrolase Chain: A: PDB Molecule: protein adp-ribosylarginine hydrolase; PDBTitle: crystal structure of human adp-ribosylhydrolase 1 (harh1)
16	d1rc2a_	Alignment		5.6	10	Fold: Aquaporin-like Superfamily: Aquaporin-like Family: Aquaporin-like
17	d1h6ia_	Alignment		5.5	8	Fold: Aquaporin-like Superfamily: Aquaporin-like Family: Aquaporin-like
18	c2ht2B_	Alignment		5.5	11	PDB header: membrane protein Chain: B: PDB Molecule: h(+)/cl(-) exchange transporter clca; PDBTitle: structure of the escherichia coli clc chloride channel2 y445h mutant and fab complex
19	c3g9dB_	Alignment		5.4	19	PDB header: hydrolase Chain: B: PDB Molecule: dinitrogenase reductase activating PDBTitle: crystal structure glycohydrolase
20	c2jp3A_	Alignment		5.3	16	PDB header: transcription Chain: A: PDB Molecule: fxyd domain-containing ion transport regulator 4; PDBTitle: solution structure of the human fxyd4 (chif) protein in sds2 micelles
21	d1kqfb2	Alignment	not modelled	5.2	12	Fold: Single transmembrane helix Superfamily: Iron-sulfur subunit of formate dehydrogenase N, transmembrane anchor Family: Iron-sulfur subunit of formate dehydrogenase N, transmembrane anchor