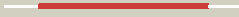
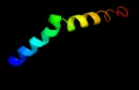
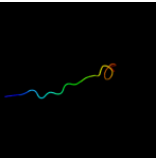
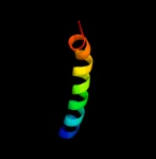


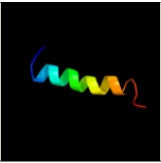
Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P76352
Date	Thu Jan 5 12:22:17 GMT 2012
Unique Job ID	c42098594ef7104e

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3mkuA_	 Alignment		100.0	20	PDB header: transport protein Chain: A: PDB Molecule: multi antimicrobial extrusion protein (na(+))/drug PDBTitle: structure of a cation-bound multidrug and toxin compound extrusion2 (mate) transporter
2	d1pw4a_	 Alignment		88.8	10	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
3	d1pv7a_	 Alignment		65.7	8	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
4	c3qngD_	 Alignment		36.9	11	PDB header: membrane protein, transport protein Chain: D: PDB Molecule: pts system, cellobiose-specific iic component; PDBTitle: crystal structure of the transporter chbc, the iic component from the2 n,n'-diacetylchitobiose-specific phosphotransferase system
5	d2iuba2	 Alignment		26.7	13	Fold: Transmembrane helix hairpin Superfamily: Magnesium transport protein CorA, transmembrane region Family: Magnesium transport protein CorA, transmembrane region
6	c2kncA_	 Alignment		15.2	15	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiB; PDBTitle: platelet integrin alfaIIB-beta3 transmembrane-cytoplasmic2 heterocomplex
7	c2p09A_	 Alignment		12.2	30	PDB header: de novo protein Chain: A: PDB Molecule: a non-biological atp binding protein with two mutations PDBTitle: structural insights into the evolution of a non-biological protein
8	d2oara1	 Alignment		11.9	12	Fold: Gated mechanosensitive channel Superfamily: Gated mechanosensitive channel Family: Gated mechanosensitive channel
9	c2kncB_	 Alignment		10.5	12	PDB header: cell adhesion Chain: B: PDB Molecule: integrin beta-3; PDBTitle: platelet integrin alfaIIB-beta3 transmembrane-cytoplasmic2 heterocomplex
10	c2oarA_	 Alignment		8.3	12	PDB header: membrane protein Chain: A: PDB Molecule: large-conductance mechanosensitive channel; PDBTitle: mechanosensitive channel of large conductance (mscl)
11	c1zrtD_	 Alignment		6.0	4	PDB header: oxidoreductase/metal transport Chain: D: PDB Molecule: cytochrome c1; PDBTitle: rhodobacter capsulatus cytochrome bc1 complex with2 stigmatellin bound

12	c2k2oA_	Alignment		5.7	15	PDB header: membrane protein Chain: A: PDB Molecule: myoferlin; PDBTitle: solution structure of the inner dysf domain of human2 myoferlin
13	c3cwbQ_	Alignment		5.7	11	PDB header: oxidoreductase Chain: Q: PDB Molecule: mitochondrial cytochrome c1, heme protein; PDBTitle: chicken cytochrome bc1 complex inhibited by an iodinated analogue of2 the polyketide crocacin-d
14	c1p84D_	Alignment		5.7	11	PDB header: oxidoreductase Chain: D: PDB Molecule: cytochrome c1, heme protein; PDBTitle: hdbt inhibited yeast cytochrome bc1 complex
15	c2yiuE_	Alignment		5.0	4	PDB header: oxidoreductase Chain: E: PDB Molecule: cytochrome c1, heme protein; PDBTitle: x-ray structure of the dimeric cytochrome bc1 complex from2 the soil bacterium paracoccus denitrificans at 2.73 angstrom resolution

16	c3izsq_	Alignment		5.0	25	PDB header: ribosome Chain: Q: PDB Molecule: 60s ribosomal protein rpl5 (l18p); PDBTitle: localization of the large subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
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