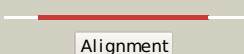
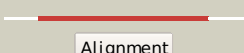
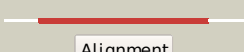
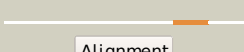
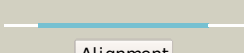
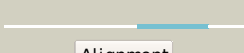
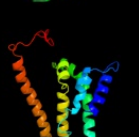
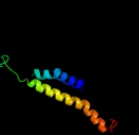
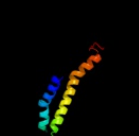
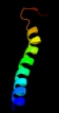


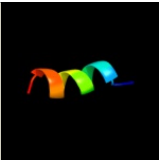
Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P0AGC0
Date	Thu Jan 5 11:28:42 GMT 2012
Unique Job ID	5ae1fe943ab46571

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1pw4a_	 Alignment		100.0	30	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
2	d1pv7a_	 Alignment		100.0	9	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
3	c3o7pA_	 Alignment		100.0	10	PDB header: transport protein Chain: A: PDB Molecule: l-fucose-proton symporter; PDBTitle: crystal structure of the e.coli fucose:proton symporter, fucp (n162a)
4	c2gfpA_	 Alignment		100.0	13	PDB header: membrane protein Chain: A: PDB Molecule: multidrug resistance protein d; PDBTitle: structure of the multidrug transporter emrd from2 escherichia coli
5	c2xutC_	 Alignment		100.0	10	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	c3qngD_	 Alignment		81.2	16	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
7	c3mkuA_	 Alignment		35.2	10	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
8	c3hd6A_	 Alignment		34.9	10	PDB header: membrane protein, transport protein Chain: A: PDB Molecule: ammonium transporter rh type c; PDBTitle: crystal structure of the human rhesus glycoprotein rhcg
9	d2oara1	 Alignment		26.3	7	Fold: Gated mechanosensitive channel Superfamily: Gated mechanosensitive channel Family: Gated mechanosensitive channel
10	c2oarA_	 Alignment		15.7	8	PDB header: membrane protein Chain: A: PDB Molecule: large-conductance mechanosensitive channel; PDBTitle: mechanosensitive channel of large conductance (mscl)
11	c2w2eA_	 Alignment		12.4	13	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

12	d3proc1	Alignment		10.9	12	Fold: Alpha-lytic protease prodomain-like Superfamily: Alpha-lytic protease prodomain Family: Alpha-lytic protease prodomain
13	c2g9pA_	Alignment		9.3	14	PDB header: antimicrobial protein Chain: A; PDB Molecule: antimicrobial peptide laticin 2a; PDBTitle: nmr structure of a novel antimicrobial peptide, laticin 2a,2 from spider (lachesana tarabaevi) venom
14	c2e6iA_	Alignment		7.6	33	PDB header: transferase Chain: A; PDB Molecule: tyrosine-protein kinase itk/tsk; PDBTitle: solution structure of the btk motif of tyrosine-protein2 kinase itk from human
15	c2kncA_	Alignment		7.1	15	PDB header: cell adhesion Chain: A; PDB Molecule: integrin alpha-iiB; PDBTitle: platelet integrin alfaIIB-beta3 transmembrane-cytoplasmic2 heterocomplex
16	c1qfqB_	Alignment		7.1	38	PDB header: transcription/rna Chain: B; PDB Molecule: 36-mer n-terminal peptide of the n protein; PDBTitle: bacteriophage lambda n-protein-nutboxb-rna complex
17	c2rddb_	Alignment		6.9	6	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.

18	c2xseA	Alignment		6.1	21	PDB header: oxidoreductase Chain: A: PDB Molecule: thymine dioxygenase jbp1; PDB Title: the structural basis for recognition of j-base containing2 dna by a novel dna-binding domain in jbp1
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