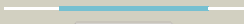
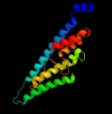
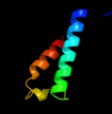
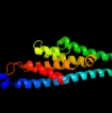
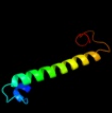
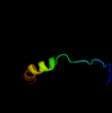
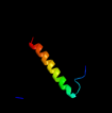


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P27125
Date	Thu Jan 5 11:43:12 GMT 2012
Unique Job ID	9fc1a6fcb610633d

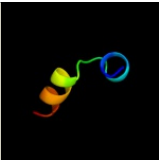
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1s7ba_	 Alignment		94.4	16	Fold: Multidrug resistance efflux transporter EmrE Superfamily: Multidrug resistance efflux transporter EmrE Family: Multidrug resistance efflux transporter EmrE
2	c2w8aC_	 Alignment		34.2	11	PDB header: membrane protein Chain: C: PDB Molecule: glycine betaine transporter betp; PDBTitle: crystal structure of the sodium-coupled glycine betaine2 symporter betp from corynebacterium glutamicum with bound3 substrate
3	c2ht2B_	 Alignment		26.0	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
4	c3giaA_	 Alignment		21.4	11	PDB header: transport protein Chain: A: PDB Molecule: uncharacterized protein mj0609; PDBTitle: crystal structure of apct transporter
5	c2i68B_	 Alignment		18.8	26	PDB header: transport protein Chain: B: PDB Molecule: protein emre; PDBTitle: cryo-em based theoretical model structure of transmembrane2 domain of the multidrug-resistance antiporter from e. coli3 emre
6	d1otsa_	 Alignment		16.3	10	Fold: Clc chloride channel Superfamily: Clc chloride channel Family: Clc chloride channel
7	d1jb0l_	 Alignment		11.6	13	Fold: Photosystem I reaction center subunit XI, PsaL Superfamily: Photosystem I reaction center subunit XI, PsaL Family: Photosystem I reaction center subunit XI, PsaL
8	d1kf6d_	 Alignment		7.7	30	Fold: Heme-binding four-helical bundle Superfamily: Fumarate reductase respiratory complex transmembrane subunits Family: Succinate dehydrogenase/Fumarate reductase transmembrane subunits (SdhC/FrdC and SdhD/FrdD)
9	d1q90b_	 Alignment		6.8	15	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
10	d1ymga1	 Alignment		5.7	13	Fold: Aquaporin-like Superfamily: Aquaporin-like Family: Aquaporin-like
11	c1ymgA_	 Alignment		5.7	13	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

12	dlycya1	Alignment		5.4	63	Fold: Sm-like fold Superfamily: Sm-like ribonucleoproteins Family: PF1955-like
13	d2e74a1	Alignment		5.3	15	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)

14 [c3gbgA](#)

Alignment



5.1

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PDB header:transcription regulator
Chain: A: **PDB Molecule:**tcp pilus virulence regulatory protein;
PDBTitle: crystal structure of toxt from vibrio cholerae o395