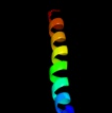
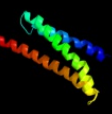
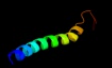
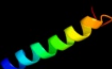
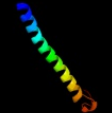
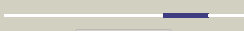
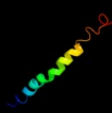


Phyre2

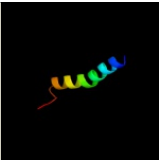
Email	I.a.kelley@imperial.ac.uk
Description	P33366
Date	Thu Jan 5 11:52:07 GMT 2012
Unique Job ID	4ab31182773949fb

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2bbjB_	 Alignment		45.9	13	PDB header: metal transport/membrane protein Chain: B: PDB Molecule: divalent cation transport-related protein; PDBTitle: crystal structure of the cora mg2+ transporter
2	c2rddB_	 Alignment		28.6	25	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.
3	d1pw4a_	 Alignment		14.4	16	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
4	c2kncA_	 Alignment		12.6	23	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiB; PDBTitle: platelet integrin alfaIIB-beta3 transmembrane-cytoplasmic2 heterocomplex
5	c2l2tA_	 Alignment		12.0	17	PDB header: membrane protein Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-4; PDBTitle: solution nmr structure of the erbb4 dimeric membrane domain
6	d3ehbb2	 Alignment		10.0	11	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
7	d1t33a2	 Alignment		9.1	13	Fold: Tetracyclin repressor-like, C-terminal domain Superfamily: Tetracyclin repressor-like, C-terminal domain Family: Tetracyclin repressor-like, C-terminal domain
8	d3dtub2	 Alignment		8.5	16	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
9	d1fftb2	 Alignment		7.6	10	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region

10 [d2oara1](#)

Alignment



7.0

13

Fold:Gated mechanosensitive channel
Superfamily:Gated mechanosensitive channel
Family:Gated mechanosensitive channel