






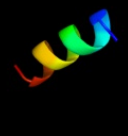

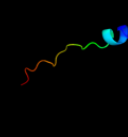










Phyre2

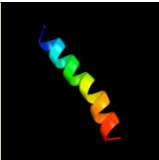
Email	I.a.kelley@imperial.ac.uk
Description	P0ADD2
Date	Wed Jan 25 15:20:27 GMT 2012
Unique Job ID	cbb61426e0e54ce6

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3orgB_	 Alignment		41.0	26	PDB header: transport protein Chain: B: PDB Molecule: cmclc; PDBTitle: crystal structure of a eukaryotic clc transporter
2	c3hd6A_	 Alignment		18.5	9	PDB header: membrane protein, transport protein Chain: A: PDB Molecule: ammonium transporter rh type c; PDBTitle: crystal structure of the human rhesus glycoprotein rhcg
3	c1ciiA_	 Alignment		9.4	15	PDB header: transmembrane protein Chain: A: PDB Molecule: colicin ia; PDBTitle: colicin ia
4	c2uwjF_	 Alignment		9.0	8	PDB header: chaperone Chain: F: PDB Molecule: type iii export protein pscf; PDBTitle: structure of the heterotrimeric complex which regulates2 type iii secretion needle formation
5	c2k1aA_	 Alignment		8.2	33	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iib; PDBTitle: bicelle-embedded integrin alpha(iib) transmembrane segment
6	c2b2hA_	 Alignment		7.7	12	PDB header: transport protein Chain: A: PDB Molecule: ammonium transporter; PDBTitle: ammonium transporter amt-1 from a. fulgidus (as)
7	c2jwaA_	 Alignment		6.9	16	PDB header: transferase Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-2; PDBTitle: erbb2 transmembrane segment dimer spatial structure
8	c1tqA_	 Alignment		6.1	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ypqj; PDBTitle: crystal structure of protein ypqj from bacillus subtilis, pfam duf64
9	d1tqA_	 Alignment		6.1	17	Fold: YutG-like Superfamily: YutG-like Family: YutG-like

10 [d1jb0m](#)

Alignment



6.0

27

Fold:Single transmembrane helix
Superfamily:Subunit XII of photosystem I reaction centre, PsaM
Family:Subunit XII of photosystem I reaction centre, PsaM