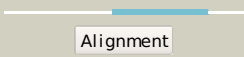
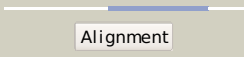
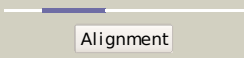
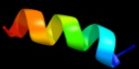
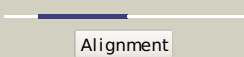
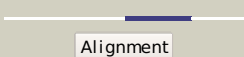
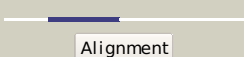


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P77091
Date	Thu Jan 5 12:25:33 GMT 2012
Unique Job ID	eacfd667c94ce89e

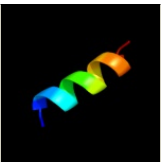
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2ii8F_	 Alignment		30.6	13	PDB header: signaling protein Chain: F: PDB Molecule: anabaena sensory rhodopsin transducer protein; PDBTitle: anabaena sensory rhodopsin transducer
2	d1nc7a_	 Alignment		29.4	16	Fold: Hypothetical protein TM1070 Superfamily: Hypothetical protein TM1070 Family: Hypothetical protein TM1070
3	c2wj8N_	 Alignment		13.2	36	PDB header: rna binding protein/rna Chain: N: PDB Molecule: nucleoprotein; PDBTitle: respiratory syncytial virus ribonucleoprotein
4	c3b8eB_	 Alignment		12.8	21	PDB header: hydrolase/transport protein Chain: B: PDB Molecule: sodium/potassium-transporting atpase subunit PDBTitle: crystal structure of the sodium-potassium pump
5	c3ixzB_	 Alignment		12.3	28	PDB header: hydrolase Chain: B: PDB Molecule: potassium-transporting atpase subunit beta; PDBTitle: pig gastric h+/k+-atpase complexed with aluminium fluoride
6	d1xmec1	 Alignment		9.4	57	Fold: Single transmembrane helix Superfamily: Bacterial ba3 type cytochrome c oxidase subunit IIa Family: Bacterial ba3 type cytochrome c oxidase subunit IIa
7	c2krxA_	 Alignment		7.6	27	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: asl3597 protein; PDBTitle: solution nmr structure of asl3597 from nostoc sp. pcc7120. northeast2 structural genomics consortium target id nsr244.
8	c3arcl_	 Alignment		7.0	13	PDB header: electron transport, photosynthesis Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution

9

[c1zIIE_](#)

Alignment



6.8

21

PDB header:membrane protein/signaling protein
Chain: E: **PDB Molecule:**cardiac phospholamban;
PDBTitle: nmr structure of unphosphorylated human
phospholamban2 pentamer