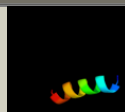
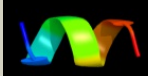
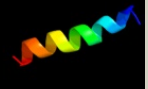
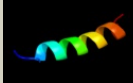
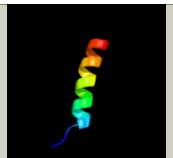
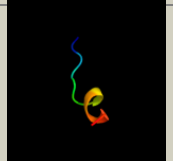
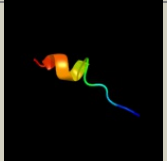
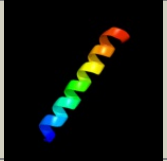
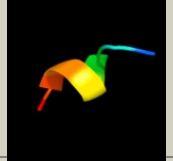
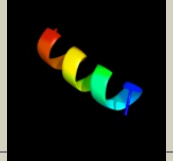
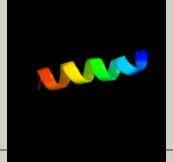
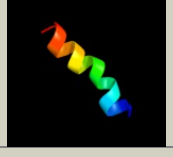
Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P36937
Date	Wed Jan 25 15:20:51 GMT 2012
Unique Job ID	479e98c078bb6ded

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2l9uA_	Alignment		38.0	41	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**receptor tyrosine-protein kinase erbb-3; **PDBTitle:** spatial structure of dimeric erbb3 transmembrane domain
2	d1i2ta_	Alignment		20.5	67	**Fold:**PABP domain-like **Superfamily:**PABC (PABP) domain **Family:**PABC (PABP) domain
3	c3pthA_	Alignment		20.3	78	**PDB header:**rna binding protein **Chain:** A: **PDB Molecule:**polyadenylate-binding protein 1; **PDBTitle:** the pabc1 mlle domain bound to the variant pam2 motif of larp4b
4	c2dydA_	Alignment		20.0	45	**PDB header:**rna binding protein **Chain:** A: **PDB Molecule:**poly(a)-binding protein; **PDBTitle:** solution structure of the pabc domain from triticum2 aevestium poly(a)-binding protein
5	d1ifwa_	Alignment		18.8	67	**Fold:**PABP domain-like **Superfamily:**PABC (PABP) domain **Family:**PABC (PABP) domain
6	d1nmra_	Alignment		13.3	56	**Fold:**PABP domain-like **Superfamily:**PABC (PABP) domain **Family:**PABC (PABP) domain
7	d2e74g1	Alignment		12.3	67	**Fold:**Single transmembrane helix **Superfamily:**PetG subunit of the cytochrome b6f complex **Family:**PetG subunit of the cytochrome b6f complex
8	d1jgna_	Alignment		12.2	78	**Fold:**PABP domain-like **Superfamily:**PABC (PABP) domain **Family:**PABC (PABP) domain
9	c2l35B_	Alignment		12.1	35	**PDB header:**protein binding **Chain:** B: **PDB Molecule:**tyro protein tyrosine kinase-binding protein; **PDBTitle:** structure of the dap12-nkg2c transmembrane heterotrimer
10	c2l2tA_	Alignment		11.7	53	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**receptor tyrosine-protein kinase erbb-4; **PDBTitle:** solution nmr structure of the erbb4 dimeric membrane domain
11	c2l34A_	Alignment		11.4	35	**PDB header:**protein binding **Chain:** A: **PDB Molecule:**tyro protein tyrosine kinase-binding protein; **PDBTitle:** structure of the dap12 transmembrane homodimer

12	c2l34B_	Alignment		11.4	35	**PDB header:**protein binding **Chain:** B: **PDB Molecule:**tyro protein tyrosine kinase-binding protein; **PDBTitle:** structure of the dap12 transmembrane homodimer
13	c1vf5G_	Alignment		11.1	67	**PDB header:**photosynthesis **Chain:** G: **PDB Molecule:**protein pet g; **PDBTitle:** crystal structure of cytochrome b6f complex from m.laminosus
14	d1vf5g_	Alignment		11.1	67	**Fold:**Single transmembrane helix **Superfamily:**PetG subunit of the cytochrome b6f complex **Family:**PetG subunit of the cytochrome b6f complex
15	c2y69Q_	Alignment		7.9	12	**PDB header:**electron transport **Chain:** Q: **PDB Molecule:**cytochrome c oxidase subunit 4 isoform 1; **PDBTitle:** bovine heart cytochrome c oxidase re-refined with molecular2 oxygen
16	d1g9la_	Alignment		7.6	78	**Fold:**PABP domain-like **Superfamily:**PABC (PABP) domain **Family:**PABC (PABP) domain
17	c2k9yB_	Alignment		6.7	50	**PDB header:**transferase **Chain:** B: **PDB Molecule:**ephrin type-a receptor 2; **PDBTitle:** epha2 dimeric structure in the lipidic bicelle at ph 5.0
18	c2k9yA_	Alignment		6.7	50	**PDB header:**transferase **Chain:** A: **PDB Molecule:**ephrin type-a receptor 2; **PDBTitle:** epha2 dimeric structure in the lipidic bicelle at ph 5.0
19	c2k1kB_	Alignment		6.2	65	**PDB header:**signaling protein **Chain:** B: **PDB Molecule:**ephrin type-a receptor 1; **PDBTitle:** nmr structures of dimeric transmembrane domain of the2 receptor tyrosine kinase epha1 in lipid bicelles at ph 4.3
20	c2k1lA_	Alignment		6.2	65	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**ephrin type-a receptor 1; **PDBTitle:** nmr structures of dimeric transmembrane domain of the2 receptor tyrosine kinase epha1 in lipid bicelles at ph 6.3
21	c2k1kA_	Alignment	not modelled	6.2	65	**PDB header:**signaling protein **Chain:** A: **PDB Molecule:**ephrin type-a receptor 1; **PDBTitle:** nmr structures of dimeric transmembrane domain of the2 receptor tyrosine kinase epha1 in lipid bicelles at ph 4.3
22	c2k1lB_	Alignment	not modelled	6.2	65	**PDB header:**signaling protein **Chain:** B: **PDB Molecule:**ephrin type-a receptor 1; **PDBTitle:** nmr structures of dimeric transmembrane domain of the2 receptor tyrosine kinase epha1 in lipid bicelles at ph 6.3
23	d1v54d_	Alignment	not modelled	6.0	12	**Fold:**Single transmembrane helix **Superfamily:**Mitochondrial cytochrome c oxidase subunit IV **Family:**Mitochondrial cytochrome c oxidase subunit IV