


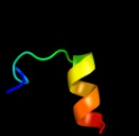

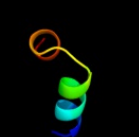



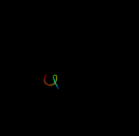



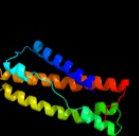

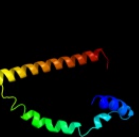

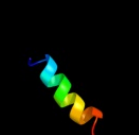


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0A712
Date	Wed Jan 25 15:20:16 GMT 2012
Unique Job ID	dc3bae726df4b596

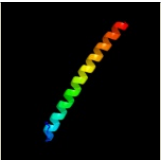
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1wga8	 Alignment		31.5	20	Fold: Multidrug efflux transporter AcrB transmembrane domain Superfamily: Multidrug efflux transporter AcrB transmembrane domain Family: Multidrug efflux transporter AcrB transmembrane domain
2	d1ej5a_	 Alignment		16.6	61	Fold: Wiscott-Aldrich syndrome protein, WASP, C-terminal domain Superfamily: Wiscott-Aldrich syndrome protein, WASP, C-terminal domain Family: Wiscott-Aldrich syndrome protein, WASP, C-terminal domain
3	d2itba1	 Alignment		14.0	17	Fold: Ferritin-like Superfamily: Ferritin-like Family: MiaE-like
4	d2d6ya1	 Alignment		9.4	29	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Tetracyclin repressor-like, N-terminal domain
5	c1avoA_	 Alignment		9.1	25	PDB header: proteasome activator Chain: A: PDB Molecule: 11s regulator; PDBTitle: proteasome activator reg(alpha)
6	c2o01j_	 Alignment		8.8	31	PDB header: photosynthesis Chain: J: PDB Molecule: photosystem i reaction center subunit ix; PDBTitle: the structure of a plant photosystem i supercomplex at 3.42 angstrom resolution
7	c3aqpB_	 Alignment		8.5	18	PDB header: membrane protein Chain: B: PDB Molecule: probable secdf protein-export membrane protein; PDBTitle: crystal structure of secdf, a translocon-associated membrane protein,2 from thermus thermophilus
8	d2nwwa1	 Alignment		7.9	27	Fold: Proton glutamate symport protein Superfamily: Proton glutamate symport protein Family: Proton glutamate symport protein
9	c2k3uA_	 Alignment		6.1	41	PDB header: immune system Chain: A: PDB Molecule: chemotaxis inhibitory protein; PDBTitle: structure of the tyrosine-sulfated c5a receptor n-terminus2 in complex with the immune evasion protein chips.

10

d1r3jc_

Alignment



5.1

9

Fold: Voltage-gated potassium channels
Superfamily: Voltage-gated potassium channels
Family: Voltage-gated potassium channels