

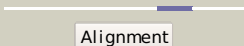
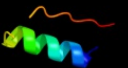
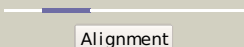


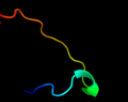
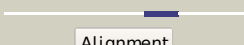

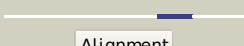

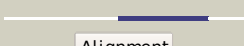



Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P00804
Date	Thu Jan 5 10:56:52 GMT 2012
Unique Job ID	6a118adcb683aaad

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3hzqA_	 Alignment		26.1	18	PDB header: membrane protein Chain: A: PDB Molecule: large-conductance mechanosensitive channel; PDBTitle: structure of a tetrameric mscl in an expanded intermediate2 state
2	d2vapa1	 Alignment		15.3	25	Fold: Tubulin nucleotide-binding domain-like Superfamily: Tubulin nucleotide-binding domain-like Family: Tubulin, GTPase domain
3	d1ft8e_	 Alignment		10.7	18	Fold: Ferredoxin-like Superfamily: RNA-binding domain, RBD Family: Non-canonical RBD domain
4	d1eara1	 Alignment		9.5	22	Fold: Urease metallochaperone UreE, N-terminal domain Superfamily: Urease metallochaperone UreE, N-terminal domain Family: Urease metallochaperone UreE, N-terminal domain
5	d2d5ba1	 Alignment		8.5	38	Fold: Anticodon-binding domain of a subclass of class I aminoacyl-tRNA synthetases Superfamily: Anticodon-binding domain of a subclass of class I aminoacyl-tRNA synthetases Family: Anticodon-binding domain of a subclass of class I aminoacyl-tRNA synthetases
6	d1w5fa1	 Alignment		7.6	25	Fold: Tubulin nucleotide-binding domain-like Superfamily: Tubulin nucleotide-binding domain-like Family: Tubulin, GTPase domain
7	d2oara1	 Alignment		7.3	18	Fold: Gated mechanosensitive channel Superfamily: Gated mechanosensitive channel Family: Gated mechanosensitive channel

8

dls7ba_

Alignment



7.0

18

Fold: Multidrug resistance efflux transporter EmrE

Superfamily: Multidrug resistance efflux transporter EmrE

Family: Multidrug resistance efflux transporter EmrE