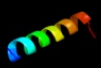
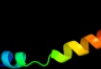


Phyre2

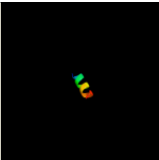
Email	I.a.kelley@imperial.ac.uk
Description	P77506
Date	Thu Jan 5 12:30:06 GMT 2012
Unique Job ID	77382e751223384b

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1vryA_	 Alignment		37.3	35	PDB header: membrane protein Chain: A: PDB Molecule: glycine receptor alpha-1 chain; PDBTitle: second and third transmembrane domains of the alpha-12 subunit of human glycine receptor
2	d1lghb_	 Alignment		29.6	40	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
3	c1eysH_	 Alignment		19.7	35	PDB header: electron transport Chain: H: PDB Molecule: photosynthetic reaction center; PDBTitle: crystal structure of photosynthetic reaction center from a2 thermophilic bacterium, thermochromatium tepidum
4	d1ho8a_	 Alignment		19.4	36	Fold: alpha-alpha superhelix Superfamily: ARM repeat Family: Regulatory subunit H of the V-type ATPase
5	d1jo5a_	 Alignment		19.3	47	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
6	d1eysh2	 Alignment		14.3	29	Fold: Single transmembrane helix Superfamily: Photosystem II reaction centre subunit H, transmembrane region Family: Photosystem II reaction centre subunit H, transmembrane region
7	d1ppic1	 Alignment		13.7	42	Fold: a domain/subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Superfamily: a domain/subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Family: a domain/subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
8	d1m98a1	 Alignment		10.0	25	Fold: Orange carotenoid protein, N-terminal domain Superfamily: Orange carotenoid protein, N-terminal domain Family: Orange carotenoid protein, N-terminal domain
9	c3d1dC_	 Alignment		8.7	46	PDB header: nuclear protein Chain: C: PDB Molecule: rna-induced transcriptional silencing complex PDBTitle: hexagonal crystal structure of tas3 c-terminal alpha motif
10	c2ww9B_	 Alignment		7.9	36	PDB header: ribosome Chain: B: PDB Molecule: protein transport protein sss1; PDBTitle: cryo-em structure of the active yeast ssh1 complex bound to the2 yeast 80s ribosome
11	c1wrgA_	 Alignment		7.7	27	PDB header: membrane protein Chain: A: PDB Molecule: light-harvesting protein b-880, beta chain; PDBTitle: light-harvesting complex 1 beta subunit from wild-type2 rhodospirillum rubrum

12 [c2kncA](#)

Alignment



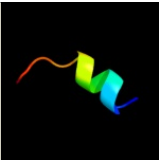
7.2

31

PDB header:cell adhesion
Chain: A: **PDB Molecule:**integrin alpha-iiB;
PDBTitle: platelet integrin alphaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex

13 [dlfqva1](#)

Alignment



6.1

58

Fold:F-box domain
Superfamily:F-box domain
Family:F-box domain