



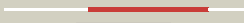






















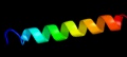
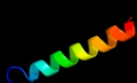




Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P33915
Date	Thu Jan 5 11:52:43 GMT 2012
Unique Job ID	d6f3aa3264fc7891

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d3dhwa1	 Alignment		99.9	18	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
2	c2onkC_	 Alignment		99.8	9	PDB header: membrane protein Chain: C: PDB Molecule: molybdate/tungstate abc transporter, permease PDBTitle: abc transporter modbc in complex with its binding protein2 moda
3	d2onkc1	 Alignment		99.8	9	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
4	c3d31D_	 Alignment		99.8	16	PDB header: transport protein Chain: D: PDB Molecule: sulfate/molybdate abc transporter, permease PDBTitle: modbc from methanosarcina acetivorans
5	d3d31c1	 Alignment		99.8	16	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
6	d2r6gf2	 Alignment		99.7	13	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
7	c2r6gF_	 Alignment		99.6	14	PDB header: hydrolase/transport protein Chain: F: PDB Molecule: maltose transport system permease protein malf; PDBTitle: the crystal structure of the e. coli maltose transporter
8	c3fh6F_	 Alignment		99.6	13	PDB header: transport protein Chain: F: PDB Molecule: maltose transport system permease protein malf; PDBTitle: crystal structure of the resting state maltose transporter from e.2 coli
9	d2r6gg1	 Alignment		99.5	14	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
10	c2cw1A_	 Alignment		20.0	45	PDB header: de novo protein Chain: A: PDB Molecule: sn4m; PDBTitle: solution structure of the de novo-designed lambda cro fold2 protein
11	c2jwaA_	 Alignment		12.0	26	PDB header: transferase Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-2; PDBTitle: erbb2 transmembrane segment dimer spatial structure

12	d2axtk1	Alignment		9.5	21	Fold: Single transmembrane helix Superfamily: Photosystem II reaction center protein K, PsbK Family: PsbK-like
13	c3a0bk_	Alignment		8.8	17	PDB header: electron transport Chain: K: PDB Molecule: photosystem ii reaction center protein k; PDBTitle: crystal structure of br-substituted photosystem ii complex
14	c3a0bK_	Alignment		8.8	17	PDB header: electron transport Chain: K: PDB Molecule: photosystem ii reaction center protein k; PDBTitle: crystal structure of br-substituted photosystem ii complex
15	c1wz4A_	Alignment		7.8	22	PDB header: gene regulation Chain: A: PDB Molecule: major surface antigen; PDBTitle: solution conformation of adr subtype hbv pre-s2 epitope
16	c3hd7A_	Alignment		7.7	3	PDB header: exocytosis Chain: A: PDB Molecule: vesicle-associated membrane protein 2; PDBTitle: helical extension of the neuronal snare complex into the membrane,2 spacegroup c 1 2 1
17	c2ka2B_	Alignment		6.7	20	PDB header: membrane protein Chain: B: PDB Molecule: bcl2/adenovirus e1b 19 kda protein-interacting PDBTitle: solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles with his173-ser172 intermonomer3 hydrogen bond restraints
18	c2ka1A_	Alignment		6.7	20	PDB header: membrane protein Chain: A: PDB Molecule: bcl2/adenovirus e1b 19 kda protein-interacting PDBTitle: solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles
19	c2ka2A_	Alignment		6.7	20	PDB header: membrane protein Chain: A: PDB Molecule: bcl2/adenovirus e1b 19 kda protein-interacting PDBTitle: solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles with his173-ser172 intermonomer3 hydrogen bond restraints
20	c2ka1B_	Alignment		6.7	20	PDB header: membrane protein Chain: B: PDB Molecule: bcl2/adenovirus e1b 19 kda protein-interacting PDBTitle: solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles
21	d1g2ha_	Alignment	not modelled	6.1	44	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
22	c3a0hk_	Alignment	not modelled	5.8	17	PDB header: electron transport Chain: K: PDB Molecule: photosystem ii reaction center protein k; PDBTitle: crystal structure of i-substituted photosystem ii complex
23	d1ntca_	Alignment	not modelled	5.6	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like