












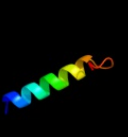

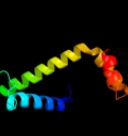








Phyre2

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Description	P19317
Date	Thu Jan 5 11:37:14 GMT 2012
Unique Job ID	eb9aedb131ffdf76

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2o9xa1	 Alignment		100.0	22	Fold: TorD-like Superfamily: TorD-like Family: TorD-like
2	c2o9xA	 Alignment		99.9	22	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: reductase, assembly protein; PDBTitle: crystal structure of a putative redox enzyme maturation protein from2 archaeoglobus fulgidus
3	dln1ca	 Alignment		99.8	19	Fold: TorD-like Superfamily: TorD-like Family: TorD-like
4	dls9ua	 Alignment		99.8	18	Fold: TorD-like Superfamily: TorD-like Family: TorD-like
5	d2idga1	 Alignment		98.5	17	Fold: TorD-like Superfamily: TorD-like Family: TorD-like
6	c2di4B	 Alignment		16.1	20	PDB header: hydrolase Chain: B: PDB Molecule: cell division protein ftsh homolog; PDBTitle: crystal structure of the ftsh protease domain
7	d1lvaa3	 Alignment		13.1	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: C-terminal fragment of elongation factor SelB
8	d2ce7a1	 Alignment		8.9	14	Fold: FtsH protease domain-like Superfamily: FtsH protease domain-like Family: FtsH protease domain-like
9	d1ghea	 Alignment		8.8	33	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
10	d2g3aa1	 Alignment		8.7	28	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
11	d1yx0a1	 Alignment		7.8	39	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT

12	c3iwfA_	Alignment		7.4	6	PDB header: transcription regulator Chain: A: PDB Molecule: transcription regulator rpir family; PDBTitle: the crystal structure of the n-terminal domain of a rpir2 transcriptional regulator from staphylococcus epidermidis to 1.4a
13	d2d6fc2	Alignment		7.0	31	Fold: DCoH-like Superfamily: GAD domain-like Family: GAD domain
14	c2r7hA_	Alignment		6.8	22	PDB header: transferase Chain: A: PDB Molecule: putative d-alanine n-acetyltransferase of gnat family; PDBTitle: crystal structure of a putative acetyltransferase of the gnat family2 (dde_3044) from desulfovibrio desulfuricans subsp. at 1.85 a3 resolution
15	c2zw3B_	Alignment		6.5	32	PDB header: cell adhesion Chain: B: PDB Molecule: gap junction beta-2 protein; PDBTitle: structure of the connexin-26 gap junction channel at 3.52 angstrom resolution
16	c2cntD_	Alignment		6.4	28	PDB header: transferase Chain: D: PDB Molecule: modification of 30s ribosomal subunit protein s18; PDBTitle: rimi - ribosomal s18 n-alpha-protein acetyltransferase in2 complex with coenzymeA.
17	c2pswA_	Alignment		5.9	22	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase 13; PDBTitle: human mak3 homolog in complex with coa
18	d1puza_	Alignment		5.7	10	Fold: YgfY-like Superfamily: YgfY-like Family: YgfY-like
19	c2reeB_	Alignment		5.4	30	PDB header: transferase, lyase Chain: B: PDB Molecule: cura; PDBTitle: crystal structure of the loading gnatl domain of cura from lyngbya2 majuscula
20	d1ev0a_	Alignment		5.4	57	Fold: Cell division protein MinE topological specificity domain Superfamily: Cell division protein MinE topological specificity domain Family: Cell division protein MinE topological specificity domain
21	d1q8ha_	Alignment	not modelled	5.3	50	Fold: GLA-domain Superfamily: GLA-domain Family: GLA-domain
22	c1q8hA_	Alignment	not modelled	5.3	50	PDB header: metal binding protein Chain: A: PDB Molecule: osteocalcin; PDBTitle: crystal structure of porcine osteocalcin