Phyre2

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Description	P27835
Date	Thu Jan 5 11:44:12 GMT 2012
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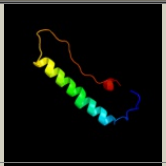
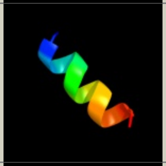
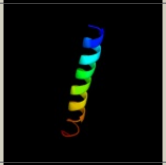
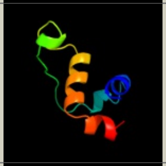
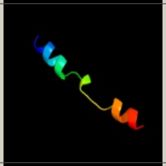
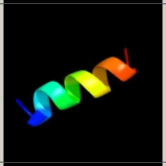
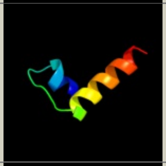
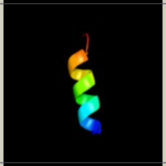
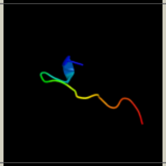
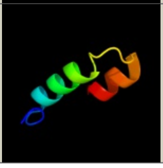
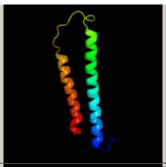
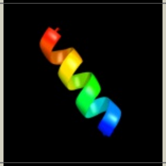
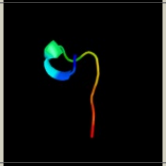
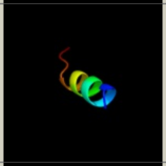
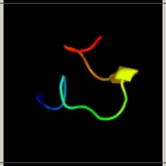
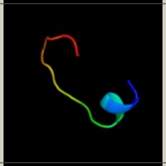
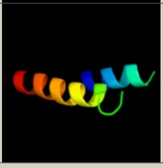
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2pidB_	Alignment		15.3	17	**PDB header:**ligase **Chain:** B: **PDB Molecule:**tyrosyl-trna synthetase; **PDBTitle:** crystal structure of human mitochondrial tyrosyl-trna synthetase in2 complex with an adenylate analog
2	c2wwaC_	Alignment		13.4	38	**PDB header:**ribosome **Chain:** C: **PDB Molecule:**protein transport protein seb2; **PDBTitle:** cryo-em structure of idle yeast ssh1 complex bound to the2 yeast 80s ribosome
3	c3ipdB_	Alignment		12.2	15	**PDB header:**exocytosis **Chain:** B: **PDB Molecule:**syntaxin-1a; **PDBTitle:** helical extension of the neuronal snare complex into the2 membrane, spacegroup i 21 21 21
4	c2vqzB_	Alignment		11.8	22	**PDB header:**transcription **Chain:** B: **PDB Molecule:**polymerase basic protein 2; **PDBTitle:** structure of the cap-binding domain of influenza virus2 polymerase subunit pb2 with bound m7gtp
5	c2l9uA_	Alignment		10.9	44	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**receptor tyrosine-protein kinase erbb-3; **PDBTitle:** spatial structure of dimeric erbb3 transmembrane domain
6	d2axtj1	Alignment		10.6	47	**Fold:**Single transmembrane helix **Superfamily:**Photosystem II reaction center protein J, PsbJ **Family:**PsbJ-like
7	c3d9wA_	Alignment		10.2	30	**PDB header:**transferase **Chain:** A: **PDB Molecule:**putative acetyltransferase; **PDBTitle:** crystal structure analysis of nocardia farcinica arylamine2 n-acetyltransferase
8	d1qf8a_	Alignment		8.8	73	**Fold:**Rubredoxin-like **Superfamily:**Casein kinase II beta subunit **Family:**Casein kinase II beta subunit
9	c3dvjB_	Alignment		8.7	20	**PDB header:**membrane protein **Chain:** B: **PDB Molecule:**voltage-dependent n-type calcium channel subunit alpha-1b; **PDBTitle:** crystal structure of ca2+/cam-cav2.2 iq domain (without cloning2 artifact, hm to tv) complex
10	d1jb3a_	Alignment		8.5	44	**Fold:**OB-fold **Superfamily:**TIMP-like **Family:**The laminin-binding domain of agrin
11	d1z9ha1	Alignment		7.6	23	**Fold:**GST C-terminal domain-like **Superfamily:**GST C-terminal domain-like **Family:**Glutathione S-transferase (GST), C-terminal domain

12	c1m57H_	Alignment		7.4	6	**PDB header:**oxidoreductase **Chain:** H: **PDB Molecule:**cytochrome c oxidase; **PDBTitle:** structure of cytochrome c oxidase from rhodobacter2 sphaeroides (eq(i-286) mutant))
13	c3io9B_	Alignment		7.1	33	**PDB header:**apoptosis **Chain:** B: **PDB Molecule:**bcl-2-like protein 11; **PDBTitle:** biml12y in complex with mcl-1
14	d2b0la1	Alignment		6.6	60	**Fold:**DNA/RNA-binding 3-helical bundle **Superfamily:**"Winged helix" DNA-binding domain **Family:**CodY HTH domain
15	c3dveB_	Alignment		6.6	20	**PDB header:**membrane protein **Chain:** B: **PDB Molecule:**voltage-dependent n-type calcium channel subunit alpha-1b; **PDBTitle:** crystal structure of ca2+/cam-cav2.2 iq domain complex
16	d1jwhc_	Alignment		5.8	73	**Fold:**Rubredoxin-like **Superfamily:**Casein kinase II beta subunit **Family:**Casein kinase II beta subunit
17	d1efya1	Alignment		5.8	31	**Fold:**Domain of poly(ADP-ribose) polymerase **Superfamily:**Domain of poly(ADP-ribose) polymerase **Family:**Domain of poly(ADP-ribose) polymerase
18	d2rd6a1	Alignment		5.7	31	**Fold:**Domain of poly(ADP-ribose) polymerase **Superfamily:**Domain of poly(ADP-ribose) polymerase **Family:**Domain of poly(ADP-ribose) polymerase
19	c1cw5A_	Alignment		5.6	67	**PDB header:**toxin **Chain:** A: **PDB Molecule:**type iia bacteriocin carnobacteriocin b2; **PDBTitle:** solution structure of carnobacteriocin b2
20	c2bbjB_	Alignment		5.5	16	**PDB header:**metal transport/membrane protein **Chain:** B: **PDB Molecule:**divalent cation transport-related protein; **PDBTitle:** crystal structure of the cora mg2+ transporter
21	c3rmrA_	Alignment	not modelled	5.5	37	**PDB header:**protein binding **Chain:** A: **PDB Molecule:**avirulence protein; **PDBTitle:** crystal structure of hyaloperonospora arabidopsidis atr1 effector2 domain
22	d1eysh2	Alignment	not modelled	5.5	26	**Fold:**Single transmembrane helix **Superfamily:**Photosystem II reaction centre subunit H, transmembrane region **Family:**Photosystem II reaction centre subunit H, transmembrane region
23	c2hqlB_	Alignment	not modelled	5.4	22	**PDB header:**dna binding protein **Chain:** B: **PDB Molecule:**hypothetical protein mg376 homolog; **PDBTitle:** crystal structure of a small single-stranded dna binding2 protein from mycoplasma pneumoniae
24	d1y14b2	Alignment	not modelled	5.3	33	**Fold:**Dodecin subunit-like **Superfamily:**N-terminal, heterodimerisation domain of RBP7 (RpoE) **Family:**N-terminal, heterodimerisation domain of RBP7 (RpoE)
25	c2kegA_	Alignment	not modelled	5.3	35	**PDB header:**antimicrobial protein **Chain:** A: **PDB Molecule:**plnk; **PDBTitle:** nmr structure of plantaricin k in dpc-micelles
26	c2x11B_	Alignment	not modelled	5.2	36	**PDB header:**receptor/signaling protein **Chain:** B: **PDB Molecule:**ephrin-a5; **PDBTitle:** crystal structure of the complete epha2 ectodomain in2 complex with ephrin a5 receptor binding domain
27	d1shxa1	Alignment	not modelled	5.2	36	**Fold:**Cupredoxin-like **Superfamily:**Cupredoxins **Family:**Ephrin ectodomain