Phyre²

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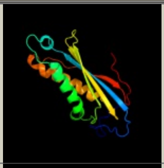
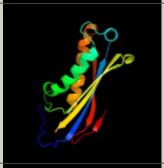
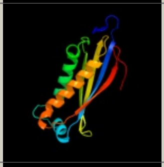
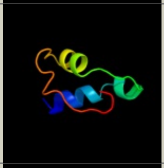
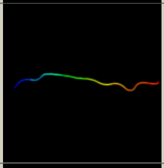
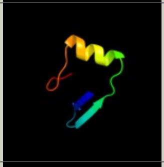
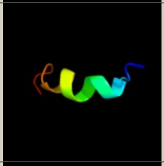
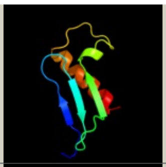
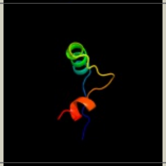
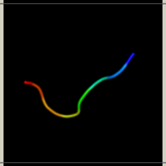
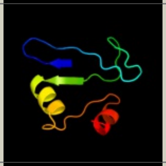
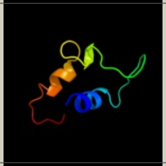
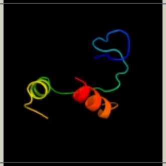
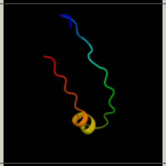
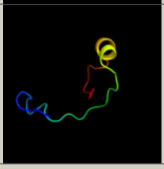
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2eeyA_	Alignment		100.0	50	**PDB header:**biosynthetic protein **Chain:** A: **PDB Molecule:**molybdopterin biosynthesis; **PDBTitle:** structure of gk0241 protein from geobacillus kaustophilus
2	c2ideE_	Alignment		100.0	54	**PDB header:**biosynthetic protein **Chain:** E: **PDB Molecule:**molybdenum cofactor biosynthesis protein c; **PDBTitle:** crystal structure of the molybdenum cofactor biosynthesis protein c2 (ttha1789) from thermus theromophilus hb8
3	d1ekra_	Alignment		100.0	100	**Fold:**Ferredoxin-like **Superfamily:**Molybdenum cofactor biosynthesis protein C, MoaC **Family:**Molybdenum cofactor biosynthesis protein C, MoaC
4	c2eknC_	Alignment		100.0	41	**PDB header:**biosynthetic protein **Chain:** C: **PDB Molecule:**probable molybdenum cofactor biosynthesis protein c; **PDBTitle:** structure of ph1811 protein from pyrococcus horikoshii
5	c2ohdB_	Alignment		100.0	45	**PDB header:**biosynthetic protein **Chain:** B: **PDB Molecule:**probable molybdenum cofactor biosynthesis protein c; **PDBTitle:** crystal structure of hypothetical molybdenum cofactor biosynthesis2 protein c from sulfolobus tokodaii
6	c1sfeA_	Alignment		37.0	15	**PDB header:**dna-binding protein **Chain:** A: **PDB Molecule:**ada o6-methylguanine-dna methyltransferase; **PDBTitle:** ada o6-methylguanine-dna methyltransferase from escherichia coli
7	d1oh4a_	Alignment		33.7	43	**Fold:**Galactose-binding domain-like **Superfamily:**Galactose-binding domain-like **Family:**Family 27 carbohydrate binding module, CBM27
8	c3ct5A_	Alignment		31.7	30	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**morphogenesis protein 1; **PDBTitle:** crystal and cryoem structural studies of a cell wall degrading enzyme2 in the bacteriophage phi29 tail
9	d2cqaa1	Alignment		22.5	15	**Fold:**OB-fold **Superfamily:**Nucleic acid-binding proteins **Family:**TIP49 domain
10	d1bu2a2	Alignment		14.8	47	**Fold:**Cyclin-like **Superfamily:**Cyclin-like **Family:**Cyclin
11	c2b5lC_	Alignment		13.0	31	**PDB header:**protein binding/viral protein **Chain:** C: **PDB Molecule:**nonstructural protein v; **PDBTitle:** crystal structure of ddb1 in complex with simian virus 5 v2 protein

12	d1vqon1	Alignment		11.1	15	**Fold:**Ribonuclease H-like motif **Superfamily:**Translational machinery components **Family:**Ribosomal protein L18 and S11
13	c3pn1A_	Alignment		10.3	19	**PDB header:**ligase/ligase inhibitor **Chain:** A: **PDB Molecule:**dna ligase; **PDBTitle:** novel bacterial nad+-dependent dna ligase inhibitors with broad2 spectrum potency and antibacterial efficacy in vivo
14	c2p0xA_	Alignment		9.2	75	**PDB header:**de novo protein **Chain:** A: **PDB Molecule:**abiotic atp-binding, folding optimized protein; **PDBTitle:** solution structure of a non-biological atp-binding protein
15	c3bdqB_	Alignment		9.0	24	**PDB header:**lipid transport **Chain:** B: **PDB Molecule:**sterol carrier protein 2-like 2; **PDBTitle:** room tempreture crystal structure of sterol carrier protein-2 2 like-2
16	c2xuvB_	Alignment		8.8	22	**PDB header:**unknown function **Chain:** B: **PDB Molecule:**hdeb; **PDBTitle:** the structure of hdeb
17	d1ikta_	Alignment		8.1	14	**Fold:**SCP-like **Superfamily:**SCP-like **Family:**Sterol carrier protein, SCP
18	d2f1fa2	Alignment		7.9	20	**Fold:**Ferredoxin-like **Superfamily:**ACT-like **Family:**IlvH-like
19	c2xskA_	Alignment		7.7	28	**PDB header:**chaperone **Chain:** A: **PDB Molecule:**csgc; **PDBTitle:** e. coli curli protein csgc - secys
20	d2gp4a1	Alignment		7.6	25	**Fold:**The "swivelling" beta/beta/alpha domain **Superfamily:**LeuD/IlvD-like **Family:**IlvD/EDD C-terminal domain-like
21	d2bbya_	Alignment	not modelled	7.1	4	**Fold:**DNA/RNA-binding 3-helical bundle **Superfamily:**"Winged helix" DNA-binding domain **Family:**DNA-binding domain from rap30
22	c2ketA_	Alignment	not modelled	7.1	45	**PDB header:**antibiotic **Chain:** A: **PDB Molecule:**cathelicidin-6; **PDBTitle:** solution structure of bmap-27
23	c2kc5A_	Alignment	not modelled	7.0	13	**PDB header:**chaperone **Chain:** A: **PDB Molecule:**hydrogenase-2 operon protein hybe; **PDBTitle:** solution structure of hybe from escherichia coli
24	d1pz4a_	Alignment	not modelled	6.9	23	**Fold:**SCP-like **Superfamily:**SCP-like **Family:**Sterol carrier protein, SCP
25	c1z4hA_	Alignment	not modelled	6.9	32	**PDB header:**protein binding, dna binding protein **Chain:** A: **PDB Molecule:**tor inhibition protein; **PDBTitle:** the response regulator tori belongs to a new family of2 atypical excisionase
26	d1vlfn1	Alignment	not modelled	6.8	29	**Fold:**Prealbumin-like **Superfamily:**Cna protein B-type domain **Family:**Cna protein B-type domain
27	c2p09A_	Alignment	not modelled	6.7	75	**PDB header:**de novo protein **Chain:** A: **PDB Molecule:**a non-biological atp binding protein with two mutations **PDBTitle:** structural insights into the evolution of a non-biological protein
28	d1wzua1	Alignment	not modelled	6.4	38	**Fold:**NadA-like **Superfamily:**NadA-like **Family:**NadA-like
						Fold:NAD(P)-binding Rossmann-fold domains

29	d1uufa2	Alignment	not modelled	6.1	20	**Superfamily:**NAD(P)-binding Rossmann-fold domains **Family:**Alcohol dehydrogenase-like, C-terminal domain
30	d4bcla_	Alignment	not modelled	5.9	23	**Fold:**Bacteriochlorophyll A protein **Superfamily:**Bacteriochlorophyll A protein **Family:**Bacteriochlorophyll A protein
31	c2gp4A_	Alignment	not modelled	5.8	25	**PDB header:**lyase **Chain:** A: **PDB Molecule:**6-phosphogluconate dehydratase; **PDBTitle:** structure of [fes]cluster-free apo form of 6-phosphogluconate2 dehydratase from shewanella oneidensis
32	d1juva_	Alignment	not modelled	5.7	9	**Fold:**Dihydrofolate reductase-like **Superfamily:**Dihydrofolate reductase-like **Family:**Dihydrofolate reductases
33	d1cq3a_	Alignment	not modelled	5.2	83	**Fold:**Soluble secreted chemokine inhibitor, VCCI **Superfamily:**Soluble secreted chemokine inhibitor, VCCI **Family:**Soluble secreted chemokine inhibitor, VCCI