Phyre^2

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Description	P28915
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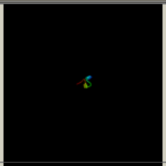
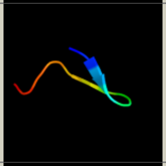
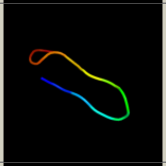
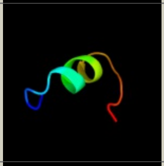
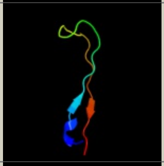
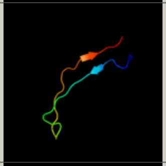
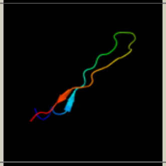
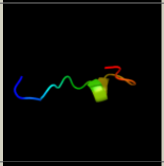
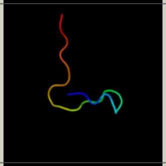
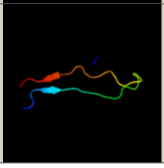
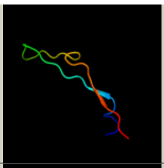
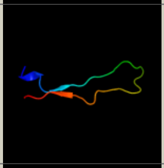
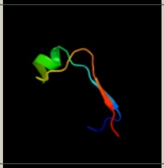
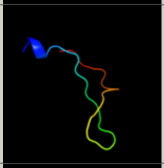
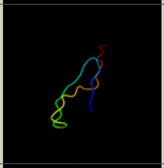
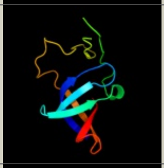
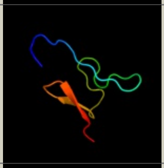
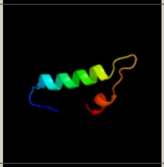
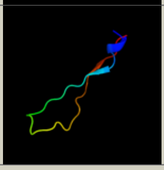
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1gzsb_	Alignment		50.3	77	**Fold:**SopE-like GEF domain **Superfamily:**SopE-like GEF domain **Family:**SopE-like GEF domain
2	d2joka1	Alignment		48.8	62	**Fold:**SopE-like GEF domain **Superfamily:**SopE-like GEF domain **Family:**SopE-like GEF domain
3	d1r6ea_	Alignment		46.9	62	**Fold:**SopE-like GEF domain **Superfamily:**SopE-like GEF domain **Family:**SopE-like GEF domain
4	c1jqsB_	Alignment		33.4	50	**PDB header:**ribosome **Chain:** B: **PDB Molecule:**elongation factor g; **PDBTitle:** fitting of l11 protein and elongation factor g (domain g'2 and v) in the cryo-em map of e. coli 70s ribosome bound3 with ef-g and gmppcp, a nonhydrolysable gtp analog
5	d1beca1	Alignment		27.9	16	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
6	d2ntsp1	Alignment		25.2	22	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
7	d2cdeb1	Alignment		24.2	13	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
8	d2oeza1	Alignment		18.4	35	**Fold:**YacF-like **Superfamily:**YacF-like **Family:**YacF-like
9	c3i5dC_	Alignment		17.7	24	**PDB header:**transport protein **Chain:** C: **PDB Molecule:**p2x purinoceptor; **PDBTitle:** crystal structure of the atp-gated p2x4 ion channel in the closed, apo2 state at 3.5 angstroms (r3)
10	d1gsoa1	Alignment		15.8	32	**Fold:**Barrel-sandwich hybrid **Superfamily:**Rudiment single hybrid motif **Family:**BC C-terminal domain-like
11	d2rhea_	Alignment		15.1	23	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)

12	d1j8hd1	Alignment		14.9	31	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
13	d2nxyc1	Alignment		13.9	35	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
14	d2axha1	Alignment		13.1	26	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
15	d2rcja1	Alignment		12.7	21	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
16	d1nl0l1	Alignment		12.4	23	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
17	c2rf4A_	Alignment		11.2	16	**PDB header:**transferase **Chain:** A: **PDB Molecule:**dna-directed rna polymerase i subunit rpa4; **PDBTitle:** crystal structure of the rna polymerase i subcomplex a14/43
18	d1hnga1	Alignment		11.1	28	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
19	c2rnnA_	Alignment		10.2	26	**PDB header:**ligase **Chain:** A: **PDB Molecule:**e3 sumo-protein ligase siz1; **PDBTitle:** solution structure of the n-terminal sap domain of sumo e3 ligases2 from saccharomyces cerevisiae
20	d1kgce1	Alignment		9.4	35	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
21	d1aqkl1	Alignment	not modelled	8.8	29	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
22	d1nfdb1	Alignment	not modelled	8.6	26	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
23	d1u3hb1	Alignment	not modelled	8.5	13	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
24	c2ckzB_	Alignment	not modelled	8.2	15	**PDB header:**transferase **Chain:** B: **PDB Molecule:**dna-directed rna polymerase iii 25 kd **PDBTitle:** x-ray structure of rna polymerase iii subcomplex c17-c25.
25	c3l15A_	Alignment	not modelled	7.6	30	**PDB header:**transcription **Chain:** A: **PDB Molecule:**transcriptional enhancer factor tef-4; **PDBTitle:** human tead2 transcriptional factor
26	c2kuyA_	Alignment	not modelled	7.5	43	**PDB header:**antimicrobial protein **Chain:** A: **PDB Molecule:**prebacteriocin glycocin f; **PDBTitle:** structure of glycocin f
27	d1ktke1	Alignment	not modelled	7.2	22	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
28	d1q1jl1	Alignment	not modelled	7.2	19	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
29	d2aw2a1	Alignment	not modelled	6.9	52	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin

						Family:V set domains (antibody variable domain-like)
30	c3fd9C_	Alignment	not modelled	6.9	25	**PDB header:**unknown function **Chain:** C: **PDB Molecule:**uncharacterized protein; **PDBTitle:** crystal structure of the transcriptional anti-activator exsd2 from pseudomonas aeruginosa
31	d1lc0a2	Alignment	not modelled	6.9	18	**Fold:**FwdE/GAPDH domain-like **Superfamily:**Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain **Family:**Biliverdin reductase
32	d1nfda1	Alignment	not modelled	6.8	28	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
33	c1ye9E_	Alignment	not modelled	6.7	35	**PDB header:**oxidoreductase **Chain:** E: **PDB Molecule:**catalase hpii; **PDBTitle:** crystal structure of proteolytically truncated catalase2 hpii from e. coli
34	d1xaua_	Alignment	not modelled	6.6	29	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**I set domains
35	d1nzpa_	Alignment	not modelled	6.5	29	**Fold:**SAM domain-like **Superfamily:**DNA polymerase beta, N-terminal domain-like **Family:**DNA polymerase beta, N-terminal domain-like
36	c2hpvA_	Alignment	not modelled	6.4	16	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**fmn-dependent nadh-azoreductase; **PDBTitle:** crystal structure of fmn-dependent azoreductase from enterococcus2 faecalis
37	d1vmaa1	Alignment	not modelled	6.2	17	**Fold:**Four-helical up-and-down bundle **Superfamily:**Domain of the SRP/SRP receptor G-proteins **Family:**Domain of the SRP/SRP receptor G-proteins
38	c3ayhB_	Alignment	not modelled	6.2	8	**PDB header:**transcription **Chain:** B: **PDB Molecule:**dna-directed rna polymerase iii subunit rpc8; **PDBTitle:** crystal structure of the c17/25 subcomplex from s. pombe rna2 polymerase iii
39	d2pxyd2	Alignment	not modelled	6.1	57	**Fold:**MHC antigen-recognition domain **Superfamily:**MHC antigen-recognition domain **Family:**MHC antigen-recognition domain
40	d2bnub1	Alignment	not modelled	5.9	16	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
41	c3fe7A_	Alignment	not modelled	5.8	15	**PDB header:**cell cycle **Chain:** A: **PDB Molecule:**mdm4 protein; **PDBTitle:** crystal structure of hdmx bound to the p53-peptidomimetic2 ac-phe-met-aib-pmp-trp-glu-ac3c-leu-nh2 at 1.35a
42	d2ak4d1	Alignment	not modelled	5.6	19	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
43	d2ho2a1	Alignment	not modelled	5.5	55	**Fold:**WW domain-like **Superfamily:**WW domain **Family:**WW domain
44	d2j6el1	Alignment	not modelled	5.4	26	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
45	d1w72l1	Alignment	not modelled	5.2	22	**Fold:**Immunoglobulin-like beta-sandwich **Superfamily:**Immunoglobulin **Family:**V set domains (antibody variable domain-like)
46	c2l0eA_	Alignment	not modelled	5.2	67	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**sodium/hydrogen exchanger 1; **PDBTitle:** structural and functional analysis of tm vi of the nhe1 isoform of the2 na+/h+ exchanger
47	d2axia1	Alignment	not modelled	5.1	15	**Fold:**SWIB/MDM2 domain **Superfamily:**SWIB/MDM2 domain **Family:**SWIB/MDM2 domain