



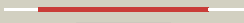






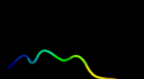







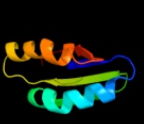

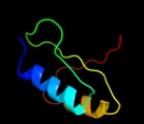







# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0A8A2
Date	Thu Jan 5 11:07:18 GMT 2012
Unique Job ID	e2bcf8321ca17885

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1lfpA_</a>	 Alignment		100.0	36	<b>Fold:</b> YebC-like <b>Superfamily:</b> YebC-like <b>Family:</b> YebC-like
2	<a href="#">d1kona_</a>	 Alignment		100.0	39	<b>Fold:</b> YebC-like <b>Superfamily:</b> YebC-like <b>Family:</b> YebC-like
3	<a href="#">d1mw7a_</a>	 Alignment		100.0	32	<b>Fold:</b> YebC-like <b>Superfamily:</b> YebC-like <b>Family:</b> YebC-like
4	<a href="#">c2jsxA_</a>	 Alignment		58.9	18	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> protein napd; <b>PDBTitle:</b> solution structure of the e. coli tat proofreading2 chaperone protein napd
5	<a href="#">c2zf8A_</a>	 Alignment		43.0	13	<b>PDB header:</b> structural protein <b>Chain:</b> A: <b>PDB Molecule:</b> component of sodium-driven polar flagellar motor; <b>PDBTitle:</b> crystal structure of moty
6	<a href="#">c2vsaA_</a>	 Alignment		35.3	55	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> mosquitocidal toxin; <b>PDBTitle:</b> structure and mode of action of a mosquitocidal holotoxin
7	<a href="#">c2dhaA_</a>	 Alignment		35.2	12	<b>PDB header:</b> rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> flj20171 protein; <b>PDBTitle:</b> solution structure of the second rna recognition motif in2 hypothetical protein flj201171
8	<a href="#">d2cyya2</a>	 Alignment		33.9	10	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
9	<a href="#">c3ibwA_</a>	 Alignment		32.7	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> gtp pyrophosphokinase; <b>PDBTitle:</b> crystal structure of the act domain from gtp2 pyrophosphokinase of chlorobium tepidum. northeast3 structural genomics consortium target ctr148a
10	<a href="#">c2zbcH_</a>	 Alignment		32.6	12	<b>PDB header:</b> transcription <b>Chain:</b> H: <b>PDB Molecule:</b> 83aa long hypothetical transcriptional regulator asnc; <b>PDBTitle:</b> crystal structure of sts042, a stand-alone ram module protein, from2 hyperthermophilic archaeon sulfolobus tokodaii strain7.
11	<a href="#">d1kkha2</a>	 Alignment		31.9	14	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> GHMP Kinase, C-terminal domain <b>Family:</b> Mevalonate kinase

12	<a href="#">c1fpqA_</a>	Alignment		31.6	27	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> isoliquiritigenin 2'-o-methyltransferase; <b>PDBTitle:</b> crystal structure analysis of selenomethionine substituted chalcone o-2 methyltransferase
13	<a href="#">d1ewqa2</a>	Alignment		31.4	39	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> ABC transporter ATPase domain-like
14	<a href="#">d1weya_</a>	Alignment		31.3	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> RNA-binding domain, RBD <b>Family:</b> Canonical RBD
15	<a href="#">c2nyiB_</a>	Alignment		31.2	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> unknown protein; <b>PDBTitle:</b> crystal structure of an unknown protein from galdieria2 sulphuraria
16	<a href="#">d1p65a_</a>	Alignment		31.0	26	<b>Fold:</b> Nucleocapsid protein dimerization domain <b>Superfamily:</b> Nucleocapsid protein dimerization domain <b>Family:</b> Arterivirus nucleocapsid protein
17	<a href="#">c1p65A_</a>	Alignment		31.0	26	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> nucleocapsid protein; <b>PDBTitle:</b> crystal structure of the nucleocapsid protein of porcine reproductive2 and respiratory syndrome virus (prrsv)
18	<a href="#">c3k2qA_</a>	Alignment		29.2	24	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pyrophosphate-dependent phosphofructokinase; <b>PDBTitle:</b> crystal structure of pyrophosphate-dependent2 phosphofructokinase from marinobacter aquaeolei, northeast3 structural genomics consortium target mqr88
19	<a href="#">d2f1fa2</a>	Alignment		26.5	14	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> ACT-like <b>Family:</b> IlvH-like
20	<a href="#">d2pc6a1</a>	Alignment		25.4	20	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> ACT-like <b>Family:</b> IlvH-like
21	<a href="#">d2ex4a1</a>	Alignment	not modelled	23.4	30	<b>Fold:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Superfamily:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Family:</b> AD-003 protein-like
22	<a href="#">d1ub9a_</a>	Alignment	not modelled	23.1	17	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
23	<a href="#">d1k47a2</a>	Alignment	not modelled	22.9	10	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> GHMP Kinase, C-terminal domain <b>Family:</b> Phosphomevalonate kinase (PMK)
24	<a href="#">c2b8kD_</a>	Alignment	not modelled	22.9	21	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> dna-directed rna polymerase ii 32 kda <b>PDBTitle:</b> 12-subunit rna polymerase ii
25	<a href="#">c3l7pA_</a>	Alignment	not modelled	22.3	23	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative nitrogen regulatory protein pii; <b>PDBTitle:</b> crystal structure of smu.1657c, putative nitrogen regulatory protein2 pii from streptococcus mutans
26	<a href="#">c3s01A_</a>	Alignment	not modelled	22.2	14	<b>PDB header:</b> rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> heterogeneous nuclear ribonucleoprotein I; <b>PDBTitle:</b> crystal structure of a heterogeneous nuclear ribonucleoprotein I2 (hnrl) from mus musculus at 2.15 a resolution
27	<a href="#">d1kkca2</a>	Alignment	not modelled	22.2	32	<b>Fold:</b> Fe,Mn superoxide dismutase (SOD), C-terminal domain <b>Superfamily:</b> Fe,Mn superoxide dismutase (SOD), C-terminal domain <b>Family:</b> Fe,Mn superoxide dismutase (SOD), C-terminal domain
28	<a href="#">d1gtra1</a>	Alignment	not modelled	22.0	13	<b>Fold:</b> Ribosomal protein L25-like <b>Superfamily:</b> Ribosomal protein L25-like <b>Family:</b> Gln-tRNA synthetase (GlnRS), C-terminal (anticodon-binding) domain

29	<a href="#">c3lk7A</a>	 Alignment	not modelled	21.2	18	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> udp-n-acetylmuramoylalanine--d-glutamate ligase; <b>PDBTitle:</b> the crystal structure of udp-n-acetylmuramoylalanine-d-2 glutamate (murd) ligase from streptococcus agalactiae to3 1.5a
30	<a href="#">d1wb9a2</a>	 Alignment	not modelled	21.1	44	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> ABC transporter ATPase domain-like
31	<a href="#">d2nzca1</a>	 Alignment	not modelled	20.9	11	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> ACT-like <b>Family:</b> TM1266-like
32	<a href="#">d1jr3d2</a>	 Alignment	not modelled	20.7	7	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Extended AAA-ATPase domain
33	<a href="#">d1ilga2</a>	 Alignment	not modelled	19.9	15	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
34	<a href="#">d4pfka</a>	 Alignment	not modelled	19.9	26	<b>Fold:</b> Phosphofructokinase <b>Superfamily:</b> Phosphofructokinase <b>Family:</b> Phosphofructokinase
35	<a href="#">c2e1cA</a>	 Alignment	not modelled	19.5	10	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> putative hth-type transcriptional regulator ph1519; <b>PDBTitle:</b> structure of putative hth-type transcriptional regulator ph1519/dna2 complex
36	<a href="#">d2ev0a2</a>	 Alignment	not modelled	19.1	28	<b>Fold:</b> Iron-dependent repressor protein, dimerization domain <b>Superfamily:</b> Iron-dependent repressor protein, dimerization domain <b>Family:</b> Iron-dependent repressor protein, dimerization domain
37	<a href="#">d1fima</a>	 Alignment	not modelled	19.0	7	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MIF-related
38	<a href="#">d1y14a</a>	 Alignment	not modelled	18.7	21	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> HRDC-like <b>Family:</b> RNA polymerase II subunit RBP4 (RpoF)
39	<a href="#">c1kyzC</a>	 Alignment	not modelled	18.7	30	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> caffeic acid 3-o-methyltransferase; <b>PDBTitle:</b> crystal structure analysis of caffeic acid/5-hydroxyferulic2 acid 3/5-o-methyltransferase ferulic acid complex
40	<a href="#">c3dx5A</a>	 Alignment	not modelled	18.6	13	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein asbf; <b>PDBTitle:</b> crystal structure of the probable 3-dhs dehydratase asbf involved in2 the petrobactin synthesis from bacillus anthracis
41	<a href="#">c3canA</a>	 Alignment	not modelled	18.4	22	<b>PDB header:</b> lyase activator <b>Chain:</b> A: <b>PDB Molecule:</b> pyruvate-formate lyase-activating enzyme; <b>PDBTitle:</b> crystal structure of a domain of pyruvate-formate lyase-activating2 enzyme from bacteroides vulgatus atcc 8482
42	<a href="#">d1p9qc2</a>	 Alignment	not modelled	18.2	13	<b>Fold:</b> FYSH domain <b>Superfamily:</b> FYSH domain <b>Family:</b> Hypothetical protein AF0491, N-terminal domain
43	<a href="#">d1ul3a</a>	 Alignment	not modelled	17.9	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> GlnB-like <b>Family:</b> Prokaryotic signal transducing protein
44	<a href="#">d2r9ga1</a>	 Alignment	not modelled	17.8	13	<b>Fold:</b> post-AAA+ oligomerization domain-like <b>Superfamily:</b> post-AAA+ oligomerization domain-like <b>Family:</b> MgsA/YrvN C-terminal domain-like
45	<a href="#">d2auna2</a>	 Alignment	not modelled	17.5	15	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> LD-carboxypeptidase A N-terminal domain-like
46	<a href="#">c2cveA</a>	 Alignment	not modelled	17.2	13	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein tha1053; <b>PDBTitle:</b> crystal structure of a conserved hypothetical protein tt1547 from2 thermus thermophilus hb8
47	<a href="#">d1qma1</a>	 Alignment	not modelled	16.7	29	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> RNA 3'-terminal phosphate cyclase, RPTC, insert domain <b>Family:</b> RNA 3'-terminal phosphate cyclase, RPTC, insert domain
48	<a href="#">c1ewrA</a>	 Alignment	not modelled	16.6	39	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> dna mismatch repair protein muts; <b>PDBTitle:</b> crystal structure of taq muts
49	<a href="#">d2cg4a2</a>	 Alignment	not modelled	16.4	13	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
50	<a href="#">d3ctda1</a>	 Alignment	not modelled	16.2	13	<b>Fold:</b> post-AAA+ oligomerization domain-like <b>Superfamily:</b> post-AAA+ oligomerization domain-like <b>Family:</b> MgsA/YrvN C-terminal domain-like
51	<a href="#">c2k6xA</a>	 Alignment	not modelled	15.8	28	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase sigma factor rpod; <b>PDBTitle:</b> autoregulation of a group 1 bacterial sigma factor involves2 the formation of a region 1.1- induced compacted structure
52	<a href="#">c1d1rA</a>	 Alignment	not modelled	15.5	21	<b>PDB header:</b> structural genomics <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical 11.4 kd protein ycih in pyrf-osmb <b>PDBTitle:</b> nmr solution structure of the product of the e. coli ycih2 gene.
53	<a href="#">d1d1ra</a>	 Alignment	not modelled	15.5	21	<b>Fold:</b> eIF1-like <b>Superfamily:</b> eIF1-like <b>Family:</b> eIF1-like
		Alignment				<b>Fold:</b> Ferredoxin-like

54	<a href="#">dlcc8a_</a>	Alignment	not modelled	15.4	23	<b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
55	<a href="#">clzxxA_</a>	Alignment	not modelled	15.4	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 6-phosphofructokinase; <b>PDBTitle:</b> the crystal structure of phosphofructokinase from lactobacillus2 delbrueckii
56	<a href="#">clqr6A_</a>	Alignment	not modelled	15.3	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> malic enzyme 2; <b>PDBTitle:</b> human mitochondrial nad(p)-dependent malic enzyme
57	<a href="#">d3bgea1</a>	Alignment	not modelled	15.3	13	<b>Fold:</b> post-AAA+ oligomerization domain-like <b>Superfamily:</b> post-AAA+ oligomerization domain-like <b>Family:</b> MgsA/YrvN C-terminal domain-like
58	<a href="#">dlgd0a_</a>	Alignment	not modelled	15.1	11	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MIF-related
59	<a href="#">clo0sB_</a>	Alignment	not modelled	15.1	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nad-dependent malic enzyme; <b>PDBTitle:</b> crystal structure of ascaris suum malic enzyme complexed with nadh
60	<a href="#">c3thxB_</a>	Alignment	not modelled	15.0	39	<b>PDB header:</b> dna binding protein/dna <b>Chain:</b> B: <b>PDB Molecule:</b> dna mismatch repair protein msh3; <b>PDBTitle:</b> human mutsbeta complexed with an idl of 3 bases (loop3) and adp
61	<a href="#">clewqA_</a>	Alignment	not modelled	14.7	39	<b>PDB header:</b> replication/dna <b>Chain:</b> A: <b>PDB Molecule:</b> dna mismatch repair protein muts; <b>PDBTitle:</b> crystal structure taq muts complexed with a heteroduplex2 dna at 2.2 a resolution
62	<a href="#">d1pfka_</a>	Alignment	not modelled	14.6	22	<b>Fold:</b> Phosphofructokinase <b>Superfamily:</b> Phosphofructokinase <b>Family:</b> Phosphofructokinase
63	<a href="#">c1b4aA_</a>	Alignment	not modelled	14.3	15	<b>PDB header:</b> repressor <b>Chain:</b> A: <b>PDB Molecule:</b> arginine repressor; <b>PDBTitle:</b> structure of the arginine repressor from bacillus stearothermophilus
64	<a href="#">d2gdga1</a>	Alignment	not modelled	14.2	7	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MIF-related
65	<a href="#">d2vv5a2</a>	Alignment	not modelled	14.0	11	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Mechanosensitive channel protein MscS (YggB), C-terminal domain <b>Family:</b> Mechanosensitive channel protein MscS (YggB), C-terminal domain
66	<a href="#">c2o8dB_</a>	Alignment	not modelled	14.0	35	<b>PDB header:</b> dna binding protein/dna <b>Chain:</b> B: <b>PDB Molecule:</b> dna mismatch repair protein msh6; <b>PDBTitle:</b> human mutsalph (msh2/msh6) bound to adp and a g du mispair
67	<a href="#">c3ctdB_</a>	Alignment	not modelled	13.9	13	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> putative atpase, aaa family; <b>PDBTitle:</b> crystal structure of a putative aaa family atpase from2 prochlorococcus marinus subsp. pastoris
68	<a href="#">c3iwcD_</a>	Alignment	not modelled	13.7	20	<b>PDB header:</b> lyase <b>Chain:</b> D: <b>PDB Molecule:</b> s-adenosylmethionine decarboxylase; <b>PDBTitle:</b> t. maritima adometdc complex with s-adenosylmethionine2 methyl ester
69	<a href="#">c3fybA_</a>	Alignment	not modelled	13.6	29	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> protein of unknown function (duf1244); <b>PDBTitle:</b> crystal structure of a protein of unknown function (duf1244) from2 alcanivorax borkumensis
70	<a href="#">c3b64A_</a>	Alignment	not modelled	13.5	14	<b>PDB header:</b> cytokine <b>Chain:</b> A: <b>PDB Molecule:</b> macrophage migration inhibitory factor-like <b>PDBTitle:</b> macrophage migration inhibitory factor (mif) from2 /leishmania major
71	<a href="#">d2fgca1</a>	Alignment	not modelled	13.4	20	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> ACT-like <b>Family:</b> IlvH-like
72	<a href="#">d2f06a1</a>	Alignment	not modelled	13.1	22	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> ACT-like <b>Family:</b> BT0572-like
73	<a href="#">d2o35a1</a>	Alignment	not modelled	13.0	29	<b>Fold:</b> SMc04008-like <b>Superfamily:</b> SMc04008-like <b>Family:</b> SMc04008-like
74	<a href="#">c2o35A_</a>	Alignment	not modelled	13.0	29	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein duf1244; <b>PDBTitle:</b> protein of unknown function (duf1244) from sinorhizobium meliloti
75	<a href="#">cli1gA_</a>	Alignment	not modelled	12.7	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator Irpa; <b>PDBTitle:</b> crystal structure of the lrp-like transcriptional regulator from the2 archaeon pyrococcus furiosus
76	<a href="#">c3ereD_</a>	Alignment	not modelled	12.5	18	<b>PDB header:</b> dna binding protein/dna <b>Chain:</b> D: <b>PDB Molecule:</b> arginine repressor; <b>PDBTitle:</b> crystal structure of the arginine repressor protein from mycobacterium2 tuberculosis in complex with the dna operator
77	<a href="#">d1xtpa_</a>	Alignment	not modelled	12.5	24	<b>Fold:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Superfamily:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Family:</b> AD-003 protein-like
78	<a href="#">c2pc6C_</a>	Alignment	not modelled	12.4	20	<b>PDB header:</b> lyase <b>Chain:</b> C: <b>PDB Molecule:</b> probable acetolactate synthase isozyme iii (small subunit); <b>PDBTitle:</b> crystal structure of putative acetolactate synthase- small subunit2 from nitrosomonas europaea
79	<a href="#">d1pkxa1</a>	Alignment	not modelled	12.2	14	<b>Fold:</b> Methylglyoxal synthase-like <b>Superfamily:</b> Methylglyoxal synthase-like <b>Family:</b> Inosicase

80	<a href="#">c2e1aD_</a>	Alignment	not modelled	12.1	13	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> 75aa long hypothetical regulatory protein asnc; <b>PDBTitle:</b> crystal structure of ffrp-dm1
81	<a href="#">c3k85B_</a>	Alignment	not modelled	11.9	23	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> d-glycero-d-manno-heptose 1-phosphate kinase; <b>PDBTitle:</b> crystal structure of a d-glycero-d-manno-heptose 1-phosphate2 kinase from bacteriodes thetaiotaomicron
82	<a href="#">d2fxaa1</a>	Alignment	not modelled	11.9	19	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
83	<a href="#">c3ia1A_</a>	Alignment	not modelled	11.9	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> thio-disulfide isomerase/thioredoxin; <b>PDBTitle:</b> crystal structure of thio-disulfide isomerase from thermus2 thermophilus
84	<a href="#">d2adca1</a>	Alignment	not modelled	11.9	14	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> RNA-binding domain, RBD <b>Family:</b> Canonical RBD
85	<a href="#">c2w2uA_</a>	Alignment	not modelled	11.9	25	<b>PDB header:</b> hydrolase/transport <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical p60 katanin; <b>PDBTitle:</b> structural insight into the interaction between archaeal2 esct-iii and aaa-atpase
86	<a href="#">c2qt7B_</a>	Alignment	not modelled	11.8	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> receptor-type tyrosine-protein phosphatase-like <b>PDBTitle:</b> crystallographic structure of the mature ectodomain of the2 human receptor-type protein-tyrosine phosphatase ia-2 at3 1.30 angstroms
87	<a href="#">c2i38A_</a>	Alignment	not modelled	11.7	17	<b>PDB header:</b> rna binding protein/chimera <b>Chain:</b> A: <b>PDB Molecule:</b> fusion protein consists of immunoglobulin g- <b>PDBTitle:</b> solution structure of the rrm of srp20
88	<a href="#">d2u1aa_</a>	Alignment	not modelled	11.6	10	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> RNA-binding domain, RBD <b>Family:</b> Canonical RBD
89	<a href="#">c2cb4D_</a>	Alignment	not modelled	11.5	40	<b>PDB header:</b> toxin <b>Chain:</b> D: <b>PDB Molecule:</b> mosquitocidal toxin; <b>PDBTitle:</b> crystal structure of the catalytic domain of the2 mosquitocidal toxin from bacillus sphaericus, mutant e197q
90	<a href="#">dlvr7a1</a>	Alignment	not modelled	11.4	20	<b>Fold:</b> S-adenosylmethionine decarboxylase <b>Superfamily:</b> S-adenosylmethionine decarboxylase <b>Family:</b> Bacterial S-adenosylmethionine decarboxylase
91	<a href="#">c3p6lA_</a>	Alignment	not modelled	11.3	17	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> sugar phosphate isomerase/epimerase; <b>PDBTitle:</b> crystal structure of a sugar phosphate isomerase/epimerase (bdi_1903)2 from parabacteroides distasonis atcc 8503 at 1.85 a resolution
92	<a href="#">d1fp1d2</a>	Alignment	not modelled	11.3	27	<b>Fold:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Superfamily:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Family:</b> Plant O-methyltransferase, C-terminal domain
93	<a href="#">c3jz3B_</a>	Alignment	not modelled	11.2	30	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> sensor protein qsec; <b>PDBTitle:</b> structure of the cytoplasmic segment of histidine kinase qsec
94	<a href="#">c2d9oA_</a>	Alignment	not modelled	11.1	8	<b>PDB header:</b> rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dnaj (hsp40) homolog, subfamily c, member 17; <b>PDBTitle:</b> solution structure of rna binding domain in hypothetical2 protein flj10634
95	<a href="#">c2p6tH_</a>	Alignment	not modelled	11.1	16	<b>PDB header:</b> transcription <b>Chain:</b> H: <b>PDB Molecule:</b> transcriptional regulator, lrp/asnc family; <b>PDBTitle:</b> crystal structure of transcriptional regulator nmb0573 and l-leucine2 complex from neisseria meningitidis
96	<a href="#">c2vxcA_</a>	Alignment	not modelled	11.0	12	<b>PDB header:</b> cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> dna repair protein rhp9; <b>PDBTitle:</b> structure of the crb2-brct2 domain complex with2 phosphopeptide.
97	<a href="#">d1mwza_</a>	Alignment	not modelled	10.9	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
98	<a href="#">c2o8bA_</a>	Alignment	not modelled	10.9	48	<b>PDB header:</b> dna binding protein/dna <b>Chain:</b> A: <b>PDB Molecule:</b> dna mismatch repair protein msh2; <b>PDBTitle:</b> human mutsalph (msh2/msh6) bound to adp and a g t mispair
99	<a href="#">c1wbdA_</a>	Alignment	not modelled	10.8	39	<b>PDB header:</b> dna-binding <b>Chain:</b> A: <b>PDB Molecule:</b> dna mismatch repair protein muts; <b>PDBTitle:</b> crystal structure of e. coli dna mismatch repair enzyme2 muts, e38q mutant, in complex with a g.t mismatch