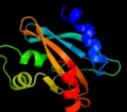
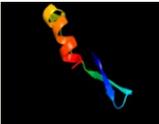
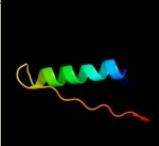
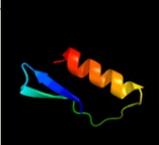
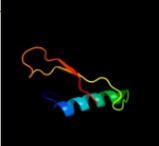


# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0AEQ1
Date	Thu Jan 5 11:23:55 GMT 2012
Unique Job ID	7f92fae55c6ed262

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d2a2la1</a>	 Alignment		100.0	31	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GlcG-like <b>Family:</b> GlcG-like
2	<a href="#">c3fpvC_</a>	 Alignment		100.0	31	<b>PDB header:</b> heme binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> extracellular haem-binding protein; <b>PDBTitle:</b> crystal structure of hbps
3	<a href="#">clysqa_</a>	 Alignment		92.3	12	<b>PDB header:</b> gene regulation <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional regulator yiaj; <b>PDBTitle:</b> the crystal structure of transcriptional regulator yaij
4	<a href="#">d2o9aa1</a>	 Alignment		88.8	13	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GAF domain-like <b>Family:</b> IcIR ligand-binding domain-like
5	<a href="#">clyspA_</a>	 Alignment		85.8	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator kdgr; <b>PDBTitle:</b> crystal structure of the c-terminal domain of e. coli transcriptional2 regulator kdgr.
6	<a href="#">d1tf1a_</a>	 Alignment		83.9	10	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GAF domain-like <b>Family:</b> IcIR ligand-binding domain-like
7	<a href="#">c2w1rA_</a>	 Alignment		78.7	37	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> stage v sporulation protein t; <b>PDBTitle:</b> crystal structure of the c-terminal domain of b. subtilis2 spovt
8	<a href="#">d1mkma2</a>	 Alignment		74.0	17	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GAF domain-like <b>Family:</b> IcIR ligand-binding domain-like
9	<a href="#">c1mkmA_</a>	 Alignment		71.1	17	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> iclr transcriptional regulator; <b>PDBTitle:</b> crystal structure of the thermotoga maritima iclr
10	<a href="#">c2g7uB_</a>	 Alignment		69.8	22	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> 2.3 a structure of putative catechol degradative operon regulator from2 rhodococcus sp. rha1
11	<a href="#">c3bjnA_</a>	 Alignment		68.3	17	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, putative; <b>PDBTitle:</b> crystal structure of c-terminal domain of putative transcriptional2 regulator from vibrio cholerae, targeted domain 79-240

12	<a href="#">c3r4kD_</a>	Alignment		62.3	22	<b>PDB header:</b> dna binding protein <b>Chain:</b> D: <b>PDB Molecule:</b> transcriptional regulator, iclr family; <b>PDBTitle:</b> crystal structure of a putative iclr transcriptional regulator2 (tm1040_3717) from silicibacter sp. tm1040 at 2.46 a resolution
13	<a href="#">c3obfA_</a>	Alignment		61.4	9	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator, iclr family; <b>PDBTitle:</b> crystal structure of putative transcriptional regulator, iclr family;2 targeted domain 129...302
14	<a href="#">c3ksiA_</a>	Alignment		60.2	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> structure of frmsr of staphylococcus aureus (complex with 2-propanol)
15	<a href="#">d1lruk_</a>	Alignment		57.6	28	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
16	<a href="#">d1lruj_</a>	Alignment		55.8	8	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
17	<a href="#">c3mq0A_</a>	Alignment		51.4	11	<b>PDB header:</b> transcription repressor <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional repressor of the blcabc operon; <b>PDBTitle:</b> crystal structure of agobacterium tumefaciens repressor blcr
18	<a href="#">c2ia2D_</a>	Alignment		49.9	19	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> the crystal structure of a putative transcriptional regulator rha061952 from rhodococcus sp. rha1
19	<a href="#">c2o9bA_</a>	Alignment		48.1	25	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> bacteriophytochrome; <b>PDBTitle:</b> crystal structure of bacteriophytochrome chromophore binding domain
20	<a href="#">c1q5rD_</a>	Alignment		46.5	20	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> proteasome alpha-type subunit 1; <b>PDBTitle:</b> the rhodococcus 20s proteasome with unprocessed pro-peptides
21	<a href="#">d1vhma_</a>	Alignment	not modelled	46.4	36	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GAF domain-like <b>Family:</b> GAF domain
22	<a href="#">c2oolA_</a>	Alignment	not modelled	46.3	25	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> sensor protein; <b>PDBTitle:</b> crystal structure of the chromophore-binding domain of an unusual2 bacteriophytochrome rpbphp3 from r. palustris
23	<a href="#">d1lru2_</a>	Alignment	not modelled	44.5	16	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
24	<a href="#">d1p0za_</a>	Alignment	not modelled	43.4	23	<b>Fold:</b> Profilin-like <b>Superfamily:</b> Sensory domain-like <b>Family:</b> Sensory domain of two-component sensor kinase
25	<a href="#">d1lrul_</a>	Alignment	not modelled	43.1	13	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
26	<a href="#">d1rypi_</a>	Alignment	not modelled	43.0	19	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
27	<a href="#">c3nzwH_</a>	Alignment	not modelled	42.6	19	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> H: <b>PDB Molecule:</b> proteasome component pup1; <b>PDBTitle:</b> crystal structure of the yeast 20s proteasome in complex with 2b
28	<a href="#">d1lruh_</a>	Alignment	not modelled	39.8	11	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
29	<a href="#">d1lrvh_</a>	Alignment	not modelled	39.6	17	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn

29	<a href="#">d1rypj_</a>	Alignment	not modelled	35.0	17	hydrolases) <b>Family:</b> Proteasome subunits
30	<a href="#">c2o0yB_</a>	Alignment	not modelled	38.4	19	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of putative transcriptional regulator rha1_ro069532 (iclr-family) from rhodococcus sp.
31	<a href="#">d1rypI_</a>	Alignment	not modelled	38.1	18	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
32	<a href="#">d1rypJ_</a>	Alignment	not modelled	35.7	11	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
33	<a href="#">d1q5qa_</a>	Alignment	not modelled	35.6	20	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
34	<a href="#">c3bchA_</a>	Alignment	not modelled	34.7	25	<b>PDB header:</b> cell adhesion, ribosomal protein <b>Chain:</b> A: <b>PDB Molecule:</b> 40s ribosomal protein sa; <b>PDBTitle:</b> crystal structure of the human laminin receptor precursor
35	<a href="#">c1vhmB_</a>	Alignment	not modelled	34.5	36	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> protein yebr; <b>PDBTitle:</b> crystal structure of an hypothetical protein
36	<a href="#">d1iruJ_</a>	Alignment	not modelled	34.4	8	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
37	<a href="#">c3dbaB_</a>	Alignment	not modelled	33.7	14	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> cone cgmp-specific 3',5'-cyclic phosphodiesterase subunit <b>PDBTitle:</b> crystal structure of the cgmp-bound gaf a domain from the2 photoreceptor phosphodiesterase 6c
38	<a href="#">c2w1tB_</a>	Alignment	not modelled	32.0	33	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> stage v sporulation protein t; <b>PDBTitle:</b> crystal structure of b. subtilis spvt
39	<a href="#">d1q5rh_</a>	Alignment	not modelled	31.8	8	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
40	<a href="#">c3ajvA_</a>	Alignment	not modelled	31.5	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> splicing endonuclease from aeropyrum pernix
41	<a href="#">d1iru1_</a>	Alignment	not modelled	29.6	16	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
42	<a href="#">c2zyzA_</a>	Alignment	not modelled	29.4	10	<b>PDB header:</b> splicing <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein pae0789; <b>PDBTitle:</b> pyrobaculum aerophilum splicing endonuclease
43	<a href="#">d1ryp1_</a>	Alignment	not modelled	29.0	11	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
44	<a href="#">c2gx5B_</a>	Alignment	not modelled	28.2	24	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> gtp-sensing transcriptional pleiotropic repressor cody; <b>PDBTitle:</b> n-terminal gaf domain of transcriptional pleiotropic repressor cody
45	<a href="#">c3nzkK_</a>	Alignment	not modelled	28.0	14	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> K: <b>PDB Molecule:</b> proteasome component pre2; <b>PDBTitle:</b> crystal structure of the yeast 20s proteasome in complex with ligand2_2c
46	<a href="#">c3d3oA_</a>	Alignment	not modelled	27.7	11	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator, iclr family; <b>PDBTitle:</b> crystal structure of the effector domain of the putative2 transcriptional regulator iclr from acinetobacter sp. adp1
47	<a href="#">c2k31A_</a>	Alignment	not modelled	27.3	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphodiesterase 5a, cgmp-specific; <b>PDBTitle:</b> solution structure of cgmp-binding gaf domain of2 phosphodiesterase 5
48	<a href="#">d1k3sa_</a>	Alignment	not modelled	25.5	30	<b>Fold:</b> Secretion chaperone-like <b>Superfamily:</b> Type III secretory system chaperone-like <b>Family:</b> Type III secretory system chaperone
49	<a href="#">c1h4uA_</a>	Alignment	not modelled	24.9	26	<b>PDB header:</b> extracellular matrix protein <b>Chain:</b> A: <b>PDB Molecule:</b> nidogen-1; <b>PDBTitle:</b> domain g2 of mouse nidogen-1
50	<a href="#">d2veaa1</a>	Alignment	not modelled	24.7	19	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GAF domain-like <b>Family:</b> GAF domain
51	<a href="#">d2o9ca1</a>	Alignment	not modelled	24.6	44	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GAF domain-like <b>Family:</b> GAF domain
52	<a href="#">c3p01C_</a>	Alignment	not modelled	24.1	11	<b>PDB header:</b> signaling protein <b>Chain:</b> C: <b>PDB Molecule:</b> two-component response regulator; <b>PDBTitle:</b> crystal structure of two-component response regulator from nostoc sp.2 pcc 7120
53	<a href="#">d2uubb1</a>	Alignment	not modelled	23.5	36	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Ribosomal protein S2 <b>Family:</b> Ribosomal protein S2
54	<a href="#">d1rypK_</a>	Alignment	not modelled	23.4	14	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits <b>PDB header:</b> structural genomics, unknown function

55	<a href="#">c3eeaB</a>	Alignment	not modelled	23.3	28	<b>Chain:</b> B: <b>PDB Molecule:</b> gaf domain/hd domain protein; <b>PDBTitle:</b> the crystal structure of the gaf domain/hd domain protein2 from geobacter sulfurreducens
56	<a href="#">d1b28a</a>	Alignment	not modelled	22.8	17	<b>Fold:</b> Ribbon-helix-helix <b>Superfamily:</b> Ribbon-helix-helix <b>Family:</b> Arc/Mnt-like phage repressors
57	<a href="#">d3c2wa1</a>	Alignment	not modelled	22.3	27	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GAF domain-like <b>Family:</b> GAF domain
58	<a href="#">d1r5ta</a>	Alignment	not modelled	21.1	6	<b>Fold:</b> Cytidine deaminase-like <b>Superfamily:</b> Cytidine deaminase-like <b>Family:</b> Cytidine deaminase
59	<a href="#">c3mmhA</a>	Alignment	not modelled	20.5	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> methionine-r-sulfoxide reductase; <b>PDBTitle:</b> x-ray structure of free methionine-r-sulfoxide reductase from2 neisseria meningitidis in complex with its substrate
60	<a href="#">c3bbnB</a>	Alignment	not modelled	20.3	14	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> ribosomal protein s2; <b>PDBTitle:</b> homology model for the spinach chloroplast 30s subunit2 fitted to 9.4a cryo-em map of the 70s chlororibosome.
61	<a href="#">c2fhgC</a>	Alignment	not modelled	19.4	8	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> proteasome, beta subunit; <b>PDBTitle:</b> crystal structure of mycobacterial tuberculosis proteasome
62	<a href="#">c3izbA</a>	Alignment	not modelled	18.6	29	<b>PDB header:</b> ribosome <b>Chain:</b> A: <b>PDB Molecule:</b> 40s ribosomal protein rps0 (s2p); <b>PDBTitle:</b> localization of the small subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
63	<a href="#">d2oola1</a>	Alignment	not modelled	17.5	19	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GAF domain-like <b>Family:</b> GAF domain
64	<a href="#">d1mq0a</a>	Alignment	not modelled	17.4	13	<b>Fold:</b> Cytidine deaminase-like <b>Superfamily:</b> Cytidine deaminase-like <b>Family:</b> Cytidine deaminase
65	<a href="#">c2zkqb</a>	Alignment	not modelled	17.1	25	<b>PDB header:</b> ribosomal protein/rna <b>Chain:</b> B: <b>PDB Molecule:</b> rna expansion segment es3; <b>PDBTitle:</b> structure of a mammalian ribosomal 40s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map
66	<a href="#">c3h4pj</a>	Alignment	not modelled	16.4	17	<b>PDB header:</b> hydrolase <b>Chain:</b> J: <b>PDB Molecule:</b> proteasome subunit alpha; <b>PDBTitle:</b> proteasome 20s core particle from methanocaldococcus2 jannaschii
67	<a href="#">d1bdta</a>	Alignment	not modelled	16.3	17	<b>Fold:</b> Ribbon-helix-helix <b>Superfamily:</b> Ribbon-helix-helix <b>Family:</b> Arc/Mnt-like phage repressors
68	<a href="#">d1xmta</a>	Alignment	not modelled	16.2	29	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
69	<a href="#">d1iruc</a>	Alignment	not modelled	16.1	12	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
70	<a href="#">d1ktea</a>	Alignment	not modelled	16.0	38	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Thioltransferase
71	<a href="#">d2gy9b1</a>	Alignment	not modelled	15.9	23	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Ribosomal protein S2 <b>Family:</b> Ribosomal protein S2
72	<a href="#">c3c1sA</a>	Alignment	not modelled	15.6	38	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> glutaredoxin-1; <b>PDBTitle:</b> crystal structure of grx1 in glutathionylated form
73	<a href="#">d1irub</a>	Alignment	not modelled	15.6	11	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
74	<a href="#">c3d5jB</a>	Alignment	not modelled	15.5	46	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> glutaredoxin-2, mitochondrial; <b>PDBTitle:</b> structure of yeast grx2-c30s mutant with glutathionyl mixed2 disulfide
75	<a href="#">d1wosa1</a>	Alignment	not modelled	15.2	21	<b>Fold:</b> Elongation factor/aminomethyltransferase common domain <b>Superfamily:</b> Aminomethyltransferase beta-barrel domain <b>Family:</b> Aminomethyltransferase beta-barrel domain
76	<a href="#">c2jacA</a>	Alignment	not modelled	15.1	38	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> glutaredoxin-1; <b>PDBTitle:</b> glutaredoxin grx1p c30s mutant from yeast
77	<a href="#">d1legoa</a>	Alignment	not modelled	14.8	54	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Thioltransferase
78	<a href="#">c3ipzA</a>	Alignment	not modelled	14.7	25	<b>PDB header:</b> electron transport, oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> monothiol glutaredoxin-s14, chloroplastic; <b>PDBTitle:</b> crystal structure of arabidopsis monothiol glutaredoxin atrxcp
79	<a href="#">d1q5qh</a>	Alignment	not modelled	14.5	8	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
80	<a href="#">c2h6jl</a>	Alignment	not modelled	14.5	8	<b>PDB header:</b> hydrolase <b>Chain:</b> I: <b>PDB Molecule:</b> proteasome beta-type subunit 1; <b>PDBTitle:</b> crystal structure of the beta f145a rhodococcus proteasome (casp2 target) <b>PDB header:</b> hydrolase/rna binding protein

81	<a href="#">c3leyB_</a>	Alignment	not modelled	14.3	13	<b>Chain:</b> B: <b>PDB Molecule:</b> neq261; <b>PDBTitle:</b> crystal structure of the functional nanoarchaeum equitans trna2 splicing endonuclease
82	<a href="#">c2hzfA_</a>	Alignment	not modelled	14.0	31	<b>PDB header:</b> electron transport, oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> glutaredoxin-1; <b>PDBTitle:</b> crystal structures of a poxviral glutaredoxin in the oxidized and2 reduced states show redox-correlated structural changes
83	<a href="#">c2ht9A_</a>	Alignment	not modelled	13.8	46	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> glutaredoxin-2; <b>PDBTitle:</b> the structure of dimeric human glutaredoxin 2
84	<a href="#">c3ef5A_</a>	Alignment	not modelled	13.7	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> probable pyrophosphohydrolase; <b>PDBTitle:</b> structure of the rna pyrophosphohydrolase bdrpph in complex with dgtp
85	<a href="#">c1s1hB_</a>	Alignment	not modelled	13.2	33	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> 40s ribosomal protein s0-a; <b>PDBTitle:</b> structure of the ribosomal 80s-eef2-sordarin complex from2 yeast obtained by docking atomic models for rna and protein3 components into a 11.7 a cryo-em map. this file, 1s1h,4 contains 40s subunit. the 60s ribosomal subunit is in file5 1s1i.
86	<a href="#">c3r2nC_</a>	Alignment	not modelled	13.0	13	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> cytidine deaminase; <b>PDBTitle:</b> crystal structure of cytidine deaminase from mycobacterium leprae
87	<a href="#">d1jhba_</a>	Alignment	not modelled	12.9	38	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Thioltransferase
88	<a href="#">c2e7pC_</a>	Alignment	not modelled	12.8	46	<b>PDB header:</b> electron transport <b>Chain:</b> C: <b>PDB Molecule:</b> glutaredoxin; <b>PDBTitle:</b> crystal structure of the holo form of glutaredoxin c1 from populus2 tremula x tremuloides
89	<a href="#">c2wulB_</a>	Alignment	not modelled	12.5	33	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> glutaredoxin related protein 5; <b>PDBTitle:</b> crystal structure of the human glutaredoxin 5 with bound2 glutathione in an fes cluster
90	<a href="#">d1pj5a1</a>	Alignment	not modelled	12.5	21	<b>Fold:</b> Elongation factor/aminomethyltransferase common domain <b>Superfamily:</b> Aminomethyltransferase beta-barrel domain <b>Family:</b> Aminomethyltransferase beta-barrel domain
91	<a href="#">c3p01A_</a>	Alignment	not modelled	12.4	11	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> two-component response regulator; <b>PDBTitle:</b> crystal structure of two-component response regulator from nostoc sp.2 pcc 7120
92	<a href="#">c2c5sA_</a>	Alignment	not modelled	12.4	47	<b>PDB header:</b> rna-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable thiamine biosynthesis protein thii; <b>PDBTitle:</b> crystal structure of bacillus anthracis thii, a trna-2 modifying enzyme containing the predicted rna-binding3 thump domain
93	<a href="#">c3o5yA_</a>	Alignment	not modelled	12.1	14	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> sensor protein; <b>PDBTitle:</b> the crystal structure of the gaf domain of a two-component sensor2 histidine kinase from bacillus halodurans to 2.45a
94	<a href="#">d1j2qh_</a>	Alignment	not modelled	12.1	8	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
95	<a href="#">c1mc0A_</a>	Alignment	not modelled	12.0	22	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 3',5'-cyclic nucleotide phosphodiesterase 2a; <b>PDBTitle:</b> regulatory segment of mouse 3',5'-cyclic nucleotide phosphodiesterase2 2a, containing the gaf a and gaf b domains
96	<a href="#">c2xznB_</a>	Alignment	not modelled	11.7	33	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> rps0e; <b>PDBTitle:</b> crystal structure of the eukaryotic 40s ribosomal2 subunit in complex with initiation factor 1. this file3 contains the 40s subunit and initiation factor for4 molecule 2
97	<a href="#">d1yarh1</a>	Alignment	not modelled	11.5	8	<b>Fold:</b> Ntn hydrolase-like <b>Superfamily:</b> N-terminal nucleophile aminohydrolases (Ntn hydrolases) <b>Family:</b> Proteasome subunits
98	<a href="#">c3h8qB_</a>	Alignment	not modelled	11.0	31	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> thioredoxin reductase 3; <b>PDBTitle:</b> crystal structure of glutaredoxin domain of human thioredoxin2 reductase 3
99	<a href="#">c3l4nA_</a>	Alignment	not modelled	11.0	42	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> monothiol glutaredoxin-6; <b>PDBTitle:</b> crystal structure of yeast monothiol glutaredoxin grx6