





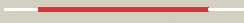





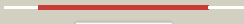



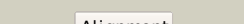



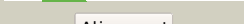

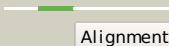

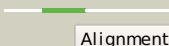





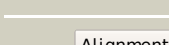
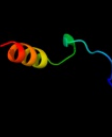








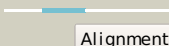
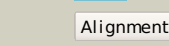
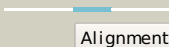
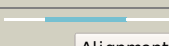

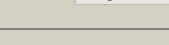




Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1qf5a_</a>	 Alignment		100.0	100	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nitrogenase iron protein-like
2	<a href="#">d1dj2a_</a>	 Alignment		100.0	44	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nitrogenase iron protein-like
3	<a href="#">d1dj3a_</a>	 Alignment		100.0	44	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nitrogenase iron protein-like
4	<a href="#">d1iwea_</a>	 Alignment		100.0	43	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nitrogenase iron protein-like
5	<a href="#">c1iweB_</a>	 Alignment		100.0	43	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> adenylosuccinate synthetase; <b>PDBTitle:</b> imp complex of the recombinant mouse-muscle2 adenylosuccinate synthetase
6	<a href="#">d1p9ba_</a>	 Alignment		100.0	40	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nitrogenase iron protein-like
7	<a href="#">c3ue9A_</a>	 Alignment		100.0	61	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylosuccinate synthetase; <b>PDBTitle:</b> crystal structure of adenylosuccinate synthetase (ampsase) (pura) from2 burkholderia thailandensis
8	<a href="#">c3r7tA_</a>	 Alignment		100.0	47	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylosuccinate synthetase; <b>PDBTitle:</b> crystal structure of adenylosuccinate synthetase from campylobacter2 jejuni
9	<a href="#">c2d7uA_</a>	 Alignment		100.0	43	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylosuccinate synthetase; <b>PDBTitle:</b> crystal structure of hypothetical adenylosuccinate synthetase, ph04382 from pyrococcus horikoshii ot3
10	<a href="#">d1a0ia1</a>	 Alignment		88.4	24	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> DNA ligase/mRNA capping enzyme postcatalytic domain
11	<a href="#">d1p9pa_</a>	 Alignment		57.7	19	<b>Fold:</b> alpha/beta knot <b>Superfamily:</b> alpha/beta knot <b>Family:</b> tRNA(m1G37)-methyltransferase TrmD

12	<a href="#">c3fwzA_</a>	 Alignment		54.0	27	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> inner membrane protein ybal; <b>PDBTitle:</b> crystal structure of trka-n domain of inner membrane protein ybal from2 escherichia coli
13	<a href="#">d1uala_</a>	 Alignment		54.0	19	<b>Fold:</b> alpha/beta knot <b>Superfamily:</b> alpha/beta knot <b>Family:</b> tRNA(m1G37)-methyltransferase TrmD
14	<a href="#">d2jfga1</a>	 Alignment		53.2	21	<b>Fold:</b> MurCD N-terminal domain <b>Superfamily:</b> MurCD N-terminal domain <b>Family:</b> MurCD N-terminal domain
15	<a href="#">c3knuD_</a>	 Alignment		52.3	21	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> trna (guanine-n(1)-)-methyltransferase; <b>PDBTitle:</b> crystal structure of trna (guanine-n1)-methyltransferase from2 anaplasma phagocytophilum
16	<a href="#">c1zgxA_</a>	 Alignment		49.6	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> guanyl-specific ribonuclease sa; <b>PDBTitle:</b> crystal structure of ribonuclease mutant
17	<a href="#">d2f09a1</a>	 Alignment		44.9	10	<b>Fold:</b> Streptavidin-like <b>Superfamily:</b> YdhA-like <b>Family:</b> YdhA-like
18	<a href="#">c3ky7A_</a>	 Alignment		43.7	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> trna (guanine-n(1)-)-methyltransferase; <b>PDBTitle:</b> 2.35 angstrom resolution crystal structure of a putative trna2 (guanine-7-)-methyltransferase (trmd) from staphylococcus aureus3 subsp. aureus mrsa252
19	<a href="#">d1qwda_</a>	 Alignment		39.7	15	<b>Fold:</b> Lipocalins <b>Superfamily:</b> Lipocalins <b>Family:</b> Retinol binding protein-like
20	<a href="#">d1gm5a2</a>	 Alignment		35.5	28	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> RecG "wedge" domain
21	<a href="#">c3iefA_</a>	 Alignment	not modelled	34.3	25	<b>PDB header:</b> transferase, rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> trna (guanine-n(1)-)-methyltransferase; <b>PDBTitle:</b> crystal structure of trna guanine-n1-methyltransferase from2 bartonella henselae using mpcs.
22	<a href="#">c2ixaA_</a>	 Alignment	not modelled	34.2	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-n-acetylgalactosaminidase; <b>PDBTitle:</b> a-zyne, n-acetylgalactosaminidase
23	<a href="#">c2qioA_</a>	 Alignment	not modelled	32.3	8	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> enoyl-(acyl-carrier-protein) reductase; <b>PDBTitle:</b> x-ray structure of enoyl-acyl carrier protein reductase from bacillus2 anthracis with triclosan
24	<a href="#">d1jsca3</a>	 Alignment	not modelled	30.9	14	<b>Fold:</b> Thiamin diphosphate-binding fold (THDP-binding) <b>Superfamily:</b> Thiamin diphosphate-binding fold (THDP-binding) <b>Family:</b> Pyruvate oxidase and decarboxylase PP module
25	<a href="#">c1k1qA_</a>	 Alignment	not modelled	28.4	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> dbh protein; <b>PDBTitle:</b> crystal structure of a dinb family error prone dna2 polymerase from sulfolobus solfataricus
26	<a href="#">c3dnfB_</a>	 Alignment	not modelled	26.3	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 4-hydroxy-3-methylbut-2-enyl diphosphate reductase; <b>PDBTitle:</b> structure of (e)-4-hydroxy-3-methyl-but-2-enyl diphosphate reductase,2 the terminal enzyme of the non-mevalonate pathway
27	<a href="#">c3quvB_</a>	 Alignment	not modelled	26.0	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> trna (guanine-n(1)-)-methyltransferase; <b>PDBTitle:</b> crystal structure of a trna-guanine-n1-methyltransferase from2 mycobacterium abscessus
28	<a href="#">d1lt7a_</a>	 Alignment	not modelled	24.8	21	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Homocysteine S-methyltransferase <b>Family:</b> Homocysteine S-methyltransferase

29	<a href="#">c2xf4A_</a>	<div><div></div><div>Alignment</div></div>	not modelled	24.6	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> hydroxyacylglutathione hydrolase; <b>PDBTitle:</b> crystal structure of salmonella enterica serovar2 typhimurium ycb1
30	<a href="#">c3opyE_</a>	<div><div></div><div>Alignment</div></div>	not modelled	24.3	12	<b>PDB header:</b> transferase <b>Chain:</b> E: <b>PDB Molecule:</b> 6-phosphofructo-1-kinase alpha-subunit; <b>PDBTitle:</b> crystal structure of pichia pastoris phosphofructokinase in the t-2 state
31	<a href="#">d1k1ga_</a>	<div><div></div><div>Alignment</div></div>	not modelled	23.4	29	<b>Fold:</b> Eukaryotic type KH-domain (KH-domain type I) <b>Superfamily:</b> Eukaryotic type KH-domain (KH-domain type I) <b>Family:</b> Eukaryotic type KH-domain (KH-domain type I)
32	<a href="#">d1g7oa1</a>	<div><div></div><div>Alignment</div></div>	not modelled	22.3	14	<b>Fold:</b> GST C-terminal domain-like <b>Superfamily:</b> GST C-terminal domain-like <b>Family:</b> Glutathione S-transferase (GST), C-terminal domain
33	<a href="#">d1e6ca_</a>	<div><div></div><div>Alignment</div></div>	not modelled	22.3	17	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Shikimate kinase (AroK)
34	<a href="#">c2nm0B_</a>	<div><div></div><div>Alignment</div></div>	not modelled	21.6	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> probable 3-oxacyl-(acyl-carrier-protein) reductase; <b>PDBTitle:</b> crystal structure of sco1815: a beta-ketoacyl-acyl carrier protein2 reductase from streptomyces coelicolor a3(2)
35	<a href="#">c1kyqC_</a>	<div><div></div><div>Alignment</div></div>	not modelled	21.5	17	<b>PDB header:</b> oxidoreductase, lyase <b>Chain:</b> C: <b>PDB Molecule:</b> siroheme biosynthesis protein met8; <b>PDBTitle:</b> met8p: a bifunctional nad-dependent dehydrogenase and2 ferrochelatase involved in siroheme synthesis.
36	<a href="#">d1hywa_</a>	<div><div></div><div>Alignment</div></div>	not modelled	20.0	41	<b>Fold:</b> gpW/XkdW-like <b>Superfamily:</b> Head-to-tail joining protein W, gpW <b>Family:</b> Head-to-tail joining protein W, gpW
37	<a href="#">c2inrA_</a>	<div><div></div><div>Alignment</div></div>	not modelled	19.6	18	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> dna topoisomerase 4 subunit a; <b>PDBTitle:</b> crystal structure of a 59 kda fragment of topoisomerase iv subunit a2 (gria) from staphylococcus aureus
38	<a href="#">d1lnia_</a>	<div><div></div><div>Alignment</div></div>	not modelled	18.8	25	<b>Fold:</b> Microbial ribonucleases <b>Superfamily:</b> Microbial ribonucleases <b>Family:</b> Bacterial ribonucleases
39	<a href="#">c3p19A_</a>	<div><div></div><div>Alignment</div></div>	not modelled	18.6	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative blue fluorescent protein; <b>PDBTitle:</b> improved nadph-dependent blue fluorescent protein
40	<a href="#">c2z2vA_</a>	<div><div></div><div>Alignment</div></div>	not modelled	18.6	30	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein ph1688; <b>PDBTitle:</b> crystal structure of l-lysine dehydrogenase from2 hyperthermophilic archaeon pyrococcus horikoshii
41	<a href="#">c2cfcB_</a>	<div><div></div><div>Alignment</div></div>	not modelled	18.3	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 2-(r)-hydroxypropyl-com dehydrogenase; <b>PDBTitle:</b> structural basis for stereo selectivity in the (r)- and2 (s)-hydroxypropylethane thiosulfonate dehydrogenases
42	<a href="#">c3db2C_</a>	<div><div></div><div>Alignment</div></div>	not modelled	18.0	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> putative nadph-dependent oxidoreductase; <b>PDBTitle:</b> crystal structure of a putative nadph-dependent oxidoreductase2 (dhaf_2064) from desulfitobacterium hafniense dcb-2 at 1.70 a3 resolution
43	<a href="#">c2gr2A_</a>	<div><div></div><div>Alignment</div></div>	not modelled	18.0	38	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ferredoxin reductase; <b>PDBTitle:</b> crystal structure of ferredoxin reductase, bpha4 (oxidized form)
44	<a href="#">c2wfbA_</a>	<div><div></div><div>Alignment</div></div>	not modelled	17.7	17	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein orp; <b>PDBTitle:</b> high resolution structure of the apo form of the orange2 protein (orp) from desulfovibrio gigas
45	<a href="#">d1d7ya1</a>	<div><div></div><div>Alignment</div></div>	not modelled	17.7	42	<b>Fold:</b> FAD/NAD(P)-binding domain <b>Superfamily:</b> FAD/NAD(P)-binding domain <b>Family:</b> FAD/NAD-linked reductases, N-terminal and central domains
46	<a href="#">d1oy5a_</a>	<div><div></div><div>Alignment</div></div>	not modelled	17.6	14	<b>Fold:</b> alpha/beta knot <b>Superfamily:</b> alpha/beta knot <b>Family:</b> tRNA(m1G37)-methyltransferase TrmD
47	<a href="#">c1oy5B_</a>	<div><div></div><div>Alignment</div></div>	not modelled	17.6	14	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> trna (guanine-n(1)-)-methyltransferase; <b>PDBTitle:</b> crystal structure of trna (m1g37) methyltransferase from aquifex2 aeolicus
48	<a href="#">c1yfsB_</a>	<div><div></div><div>Alignment</div></div>	not modelled	17.5	13	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> alanyl-trna synthetase; <b>PDBTitle:</b> the crystal structure of alanyl-trna synthetase in complex2 with l-alanine
49	<a href="#">d2ilqa1</a>	<div><div></div><div>Alignment</div></div>	not modelled	17.4	15	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> Rad51 N-terminal domain-like <b>Family:</b> DNA repair protein Rad51, N-terminal domain
50	<a href="#">c3ktsA_</a>	<div><div></div><div>Alignment</div></div>	not modelled	17.4	14	<b>PDB header:</b> transcriptional regulator <b>Chain:</b> A: <b>PDB Molecule:</b> glycerol uptake operon antiterminator regulatory protein; <b>PDBTitle:</b> crystal structure of glycerol uptake operon antiterminator regulatory2 protein from listeria monocytogenes str. 4b f2365
51	<a href="#">d1k1sa2</a>	<div><div></div><div>Alignment</div></div>	not modelled	17.0	16	<b>Fold:</b> DNA/RNA polymerases <b>Superfamily:</b> DNA/RNA polymerases <b>Family:</b> Lesion bypass DNA polymerase (Y-family), catalytic domain
52	<a href="#">d1qyia_</a>	<div><div></div><div>Alignment</div></div>	not modelled	16.9	22	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> Hypothetical protein MW1667 (SA1546)
53	<a href="#">d1qnaa1</a>	<div><div></div><div>Alignment</div></div>	not modelled	16.7	12	<b>Fold:</b> TBP-like <b>Superfamily:</b> TATA-box binding protein-like <b>Family:</b> TATA-box binding protein (TBP), C-terminal domain
		<div><div></div><div></div></div>				<b>Fold:</b> TRP-like

54	<a href="#">dinh2a1</a>	Alignment	not modelled	16.5	11	<b>Superfamily:</b> TATA-box binding protein-like <b>Family:</b> TATA-box binding protein (TBP), C-terminal domain
55	<a href="#">dljx4a2</a>	Alignment	not modelled	16.3	18	<b>Fold:</b> DNA/RNA polymerases <b>Superfamily:</b> DNA/RNA polymerases <b>Family:</b> Lesion bypass DNA polymerase (Y-family), catalytic domain
56	<a href="#">c2zzfA</a>	Alignment	not modelled	16.0	15	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> alanyl-trna synthetase; <b>PDBTitle:</b> crystal structure of alanyl-trna synthetase without2 oligomerization domain
57	<a href="#">c3f6zB</a>	Alignment	not modelled	15.9	25	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> crystal structure of pseudomonas aeruginosa mlic in complex2 with hen egg white lysozyme
58	<a href="#">dlq44a</a>	Alignment	not modelled	15.8	20	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> PAPS sulfotransferase
59	<a href="#">clujlA</a>	Alignment	not modelled	15.6	33	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> potassium voltage-gated channel subfamily h <b>PDBTitle:</b> solution structure of the herg k+ channel s5-p2 extracellular linker
60	<a href="#">c3dtyA</a>	Alignment	not modelled	15.3	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> oxidoreductase, gfo/ldh/moca family; <b>PDBTitle:</b> crystal structure of an oxidoreductase from pseudomonas2 syringae
61	<a href="#">dlfi4a2</a>	Alignment	not modelled	15.1	56	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> GHMP Kinase, C-terminal domain <b>Family:</b> Mevalonate 5-di-phosphate decarboxylase
62	<a href="#">dlv6ia1</a>	Alignment	not modelled	15.0	78	<b>Fold:</b> alpha-alpha superhelix <b>Superfamily:</b> ARM repeat <b>Family:</b> GUN4-associated domain
63	<a href="#">dlcora</a>	Alignment	not modelled	14.8	18	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
64	<a href="#">d2bl5a1</a>	Alignment	not modelled	14.7	29	<b>Fold:</b> Eukaryotic type KH-domain (KH-domain type I) <b>Superfamily:</b> Eukaryotic type KH-domain (KH-domain type I) <b>Family:</b> Eukaryotic type KH-domain (KH-domain type I)
65	<a href="#">dlcdwa1</a>	Alignment	not modelled	14.6	12	<b>Fold:</b> TBP-like <b>Superfamily:</b> TATA-box binding protein-like <b>Family:</b> TATA-box binding protein (TBP), C-terminal domain
66	<a href="#">dluuqa</a>	Alignment	not modelled	14.0	28	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
67	<a href="#">cluz4A</a>	Alignment	not modelled	14.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> man5a; <b>PDBTitle:</b> common inhibition of beta-glucosidase and beta-mannosidase2 by isofagomine lactam reflects different conformational3 itineraries for glucoside and mannoside hydrolysis
68	<a href="#">dlpzna1</a>	Alignment	not modelled	13.9	21	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> Rad51 N-terminal domain-like <b>Family:</b> DNA repair protein Rad51, N-terminal domain
69	<a href="#">c2hivA</a>	Alignment	not modelled	13.6	42	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> thermostable dna ligase; <b>PDBTitle:</b> atp-dependent dna ligase from s. solfataricus
70	<a href="#">d2bcqa2</a>	Alignment	not modelled	13.6	25	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> PsbU/PolX domain-like <b>Family:</b> DNA polymerase beta-like, second domain
71	<a href="#">c2v7sA</a>	Alignment	not modelled	13.5	28	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> probable conserved lipoprotein lppa; <b>PDBTitle:</b> crystal structure of the putative lipoprotein lppa from2 mycobacterium tuberculosis
72	<a href="#">clt3nB</a>	Alignment	not modelled	13.4	22	<b>PDB header:</b> replication/dna <b>Chain:</b> B: <b>PDB Molecule:</b> polymerase (dna directed) iota; <b>PDBTitle:</b> structure of the catalytic core of dna polymerase iota in2 complex with dna and dttp
73	<a href="#">dlt6ca1</a>	Alignment	not modelled	13.4	18	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Actin-like ATPase domain <b>Family:</b> Ppx/GppA phosphatase
74	<a href="#">dlid1a</a>	Alignment	not modelled	13.2	17	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Potassium channel NAD-binding domain
75	<a href="#">dljmsa3</a>	Alignment	not modelled	13.1	38	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> PsbU/PolX domain-like <b>Family:</b> DNA polymerase beta-like, second domain
76	<a href="#">dlznwa1</a>	Alignment	not modelled	12.8	32	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
77	<a href="#">c3c5yD</a>	Alignment	not modelled	12.6	18	<b>PDB header:</b> isomerase <b>Chain:</b> D: <b>PDB Molecule:</b> ribose/galactose isomerase; <b>PDBTitle:</b> crystal structure of a putative ribose 5-phosphate isomerase2 (saro_3514) from novosphingobium aromaticivorans dsm at 1.81 a3 resolution
78	<a href="#">dlqsga</a>	Alignment	not modelled	12.6	10	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Tyrosine-dependent oxidoreductases
79	<a href="#">c2y0nD</a>	Alignment	not modelled	12.6	13	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> male-specific lethal 3 homolog; <b>PDBTitle:</b> crystal structure of the complex between dosage2 compensation factors msl1 and msl3
						<b>Fold:</b> Putative anticodon-binding domain of alanyl-tRNA synthetase

80	<a href="#">d1riqa1</a>	Alignment	not modelled	12.4	13	(AlaRS) <b>Superfamily:</b> Putative anticodon-binding domain of alanyl-tRNA synthetase (AlaRS) <b>Family:</b> Putative anticodon-binding domain of alanyl-tRNA synthetase (AlaRS)
81	<a href="#">c3hi0B</a>	Alignment	not modelled	12.3	23	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative exopolyphosphatase; <b>PDBTitle:</b> crystal structure of putative exopolyphosphatase (17739545) from2 agrobacterium tumefaciens str. c58 (dupont) at 2.30 a resolution
82	<a href="#">d1zeta2</a>	Alignment	not modelled	12.1	22	<b>Fold:</b> DNA/RNA polymerases <b>Superfamily:</b> DNA/RNA polymerases <b>Family:</b> Lesion bypass DNA polymerase (Y-family), catalytic domain
83	<a href="#">d1t94a2</a>	Alignment	not modelled	12.0	14	<b>Fold:</b> DNA/RNA polymerases <b>Superfamily:</b> DNA/RNA polymerases <b>Family:</b> Lesion bypass DNA polymerase (Y-family), catalytic domain
84	<a href="#">d1x9na2</a>	Alignment	not modelled	11.9	32	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> DNA ligase/mRNA capping enzyme postcatalytic domain
85	<a href="#">d2a3ra1</a>	Alignment	not modelled	11.9	17	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> PAPS sulfotransferase
86	<a href="#">c1u9iA</a>	Alignment	not modelled	11.6	12	<b>PDB header:</b> circadian clock protein <b>Chain:</b> A: <b>PDB Molecule:</b> kaiC; <b>PDBTitle:</b> crystal structure of circadian clock protein kaiC with phosphorylation2 sites
87	<a href="#">c1s97D</a>	Alignment	not modelled	11.5	14	<b>PDB header:</b> transferase/dna <b>Chain:</b> D: <b>PDB Molecule:</b> dna polymerase iv; <b>PDBTitle:</b> dpo4 with gt mismatch
88	<a href="#">c2ovfA</a>	Alignment	not modelled	11.4	4	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> stal; <b>PDBTitle:</b> crystal structure of stal-pap complex
89	<a href="#">d1a0rp</a>	Alignment	not modelled	11.4	33	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Phosducin
90	<a href="#">c3o38D</a>	Alignment	not modelled	11.2	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> short chain dehydrogenase; <b>PDBTitle:</b> crystal structure of a short chain dehydrogenase from mycobacterium2 smegmatis
91	<a href="#">c1ylmA</a>	Alignment	not modelled	11.1	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein bsu32300; <b>PDBTitle:</b> structure of cytosolic protein of unknown function yute2 from bacillus subtilis
92	<a href="#">d2fmpa2</a>	Alignment	not modelled	11.0	38	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> PsbU/PolX domain-like <b>Family:</b> DNA polymerase beta-like, second domain
93	<a href="#">d1fuea</a>	Alignment	not modelled	10.9	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
94	<a href="#">d2vana1</a>	Alignment	not modelled	10.9	38	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> PsbU/PolX domain-like <b>Family:</b> DNA polymerase beta-like, second domain
95	<a href="#">d2ppqa1</a>	Alignment	not modelled	10.8	14	<b>Fold:</b> Protein kinase-like (PK-like) <b>Superfamily:</b> Protein kinase-like (PK-like) <b>Family:</b> APH phosphotransferases
96	<a href="#">c3he8A</a>	Alignment	not modelled	10.5	16	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase; <b>PDBTitle:</b> structural study of clostridium thermocellum ribose-5-phosphate2 isomerase b
97	<a href="#">c1fi4A</a>	Alignment	not modelled	10.5	56	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> mevalonate 5-diphosphate decarboxylase; <b>PDBTitle:</b> the x-ray crystal structure of mevalonate 5-diphosphate decarboxylase2 at 2.3 angstrom resolution.
98	<a href="#">c3nbxX</a>	Alignment	not modelled	10.5	21	<b>PDB header:</b> hydrolase <b>Chain:</b> X: <b>PDB Molecule:</b> atpase rava; <b>PDBTitle:</b> crystal structure of e. coli rava (regulatory atpase variant a) in2 complex with adp
99	<a href="#">c2filA</a>	Alignment	not modelled	10.5	22	<b>PDB header:</b> replication/dna <b>Chain:</b> A: <b>PDB Molecule:</b> dna polymerase iota; <b>PDBTitle:</b> ternary complex of human dna polymerase iota with dna and dttP