



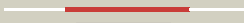






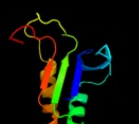

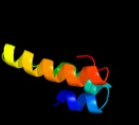



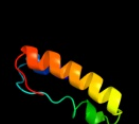






# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P52140
Date	Thu Jan 5 12:05:45 GMT 2012
Unique Job ID	3554febfc1af1d13


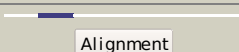



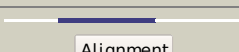
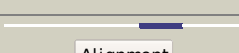
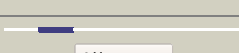

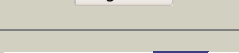
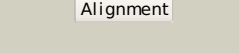
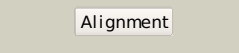
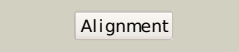
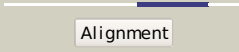
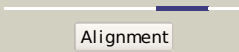
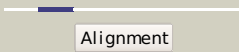
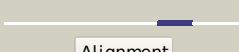
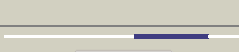
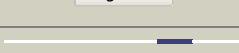
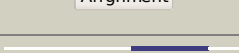
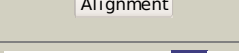
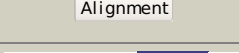
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2qlcC_</a>	 Alignment		100.0	37	<b>PDB header:</b> dna binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> dna repair protein radc homolog; <b>PDBTitle:</b> the crystal structure of dna repair protein radc from chlorobium2 tepidum t1s
2	<a href="#">d1oi0a_</a>	 Alignment		96.9	19	<b>Fold:</b> Cytidine deaminase-like <b>Superfamily:</b> JAB1/MPN domain <b>Family:</b> JAB1/MPN domain
3	<a href="#">c2kcgA_</a>	 Alignment		95.5	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> mov34/mpn/pad-1 family; <b>PDBTitle:</b> solution structure of protein sru_2040 from salinibacter2 ruber (strain dsm 13855) . northeast structural genomics3 consortium target srr106
4	<a href="#">c2kksA_</a>	 Alignment		95.1	20	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> solution structure of protein dsy2949 from desulfitobacterium2 hafniense. northeast structural genomics consortium target dhr27
5	<a href="#">c2w6rA_</a>	 Alignment		84.2	13	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> imidazole glycerol phosphate synthase subunit <b>PDBTitle:</b> crystal structure of an artificial (ba)8-barrel protein2 designed from identical half barrels
6	<a href="#">c3tdmD_</a>	 Alignment		70.5	10	<b>PDB header:</b> de novo protein <b>Chain:</b> D: <b>PDB Molecule:</b> computationally designed two-fold symmetric tim-barrel <b>PDBTitle:</b> computationally designed tim-barrel protein, halfllr
7	<a href="#">c3q94B_</a>	 Alignment		68.0	18	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> fructose-bisphosphate aldolase, class ii; <b>PDBTitle:</b> the crystal structure of fructose 1,6-bisphosphate aldolase from2 bacillus anthracis str. 'ames ancestor'
8	<a href="#">d1gvfa_</a>	 Alignment		66.0	14	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class II FBP aldolase
9	<a href="#">c3c52B_</a>	 Alignment		62.6	14	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> fructose-bisphosphate aldolase; <b>PDBTitle:</b> class ii fructose-1,6-bisphosphate aldolase from2 helicobacter pylori in complex with3 phosphoglycolhydroxamic acid, a competitive inhibitor
10	<a href="#">c2iswB_</a>	 Alignment		61.8	23	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> putative fructose-1,6-bisphosphate aldolase; <b>PDBTitle:</b> structure of giardia fructose-1,6-bisphosphate aldolase in2 complex with phosphoglycolhydroxamate
11	<a href="#">c2yciX_</a>	 Alignment		60.9	18	<b>PDB header:</b> transferase <b>Chain:</b> X: <b>PDB Molecule:</b> 5-methyltetrahydrofolate corrinoid/iron sulfur protein <b>PDBTitle:</b> methyltransferase native

12	<a href="#">dlrvga_</a>	Alignment		58.0	27	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class II FBP aldolase
13	<a href="#">d2csua1</a>	Alignment		51.0	13	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> CoA-binding domain
14	<a href="#">c3e49A_</a>	Alignment		50.6	25	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein duf849 with a tim barrel fold; <b>PDBTitle:</b> crystal structure of a prokaryotic domain of unknown function (duf849)2 with a tim barrel fold (bx_e_c0966) from burkholderia xenovorans lb4003 at 1.75 a resolution
15	<a href="#">c3elfA_</a>	Alignment		45.4	18	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> fructose-bisphosphate aldolase; <b>PDBTitle:</b> structural characterization of tetrameric mycobacterium tuberculosis2 fructose 1,6-bisphosphate aldolase - substrate binding and catalysis3 mechanism of a class iia bacterial aldolase
16	<a href="#">c3pm6B_</a>	Alignment		43.2	18	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> putative fructose-bisphosphate aldolase; <b>PDBTitle:</b> crystal structure of a putative fructose-1,6-bisphosphate aldolase from2 coccidioides immitis solved by combined sad mr
17	<a href="#">c3jrkG_</a>	Alignment		41.2	23	<b>PDB header:</b> lyase <b>Chain:</b> G: <b>PDB Molecule:</b> tagatose 1,6-diphosphate aldolase 2; <b>PDBTitle:</b> a putative tagatose 1,6-diphosphate aldolase from streptococcus2 pyogenes
18	<a href="#">c3qm3C_</a>	Alignment		38.9	9	<b>PDB header:</b> lyase <b>Chain:</b> C: <b>PDB Molecule:</b> fructose-bisphosphate aldolase; <b>PDBTitle:</b> 1.85 angstrom resolution crystal structure of fructose-bisphosphate2 aldolase (fba) from campylobacter jejuni
19	<a href="#">d1dosa_</a>	Alignment		38.5	5	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class II FBP aldolase
20	<a href="#">c3lotC_</a>	Alignment		32.0	23	<b>PDB header:</b> structure genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of protein of unknown function (np_070038.1) from2 archaeoglobus fulgidus at 1.89 a resolution
21	<a href="#">d1hl9a2</a>	Alignment	not modelled	31.3	19	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Putative alpha-L-fucosidase, catalytic domain
22	<a href="#">c3c6cA_</a>	Alignment	not modelled	30.3	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 3-keto-5-aminoheptanoate cleavage enzyme; <b>PDBTitle:</b> crystal structure of a putative 3-keto-5-aminoheptanoate cleavage2 enzyme (reut_c6226) from ralstonia eutropha jmp134 at 1.72 a3 resolution
23	<a href="#">d1oxja2</a>	Alignment	not modelled	28.6	8	<b>Fold:</b> alpha-alpha superhelix <b>Superfamily:</b> ARM repeat <b>Family:</b> PHAT domain
24	<a href="#">c3e02A_</a>	Alignment	not modelled	24.7	18	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein duf849; <b>PDBTitle:</b> crystal structure of a duf849 family protein (bx_e_c0271) from2 burkholderia xenovorans lb400 at 1.90 a resolution
25	<a href="#">d1je0a_</a>	Alignment	not modelled	24.3	14	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
26	<a href="#">c3stgA_</a>	Alignment	not modelled	24.0	9	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 2-dehydro-3-deoxyphosphooctonate aldolase; <b>PDBTitle:</b> crystal structure of a58p, del(n59), and loop 7 truncated mutant of 3-2 deoxy-d-manno-octulosonate 8-phosphate synthase (kdo8ps) from3 neisseria meningitidis
27	<a href="#">c3k13A_</a>	Alignment	not modelled	23.3	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 5-methyltetrahydrofolate-homocysteine methyltransferase; <b>PDBTitle:</b> structure of the pterin-binding domain metr of 5-2 methyltetrahydrofolate-homocysteine methyltransferase from3

						bacteroides thetaiotaomicron
28	<a href="#">c2xrfA_</a>	Alignment	not modelled	22.6	11	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> uridine phosphorylase 2; <b>PDBTitle:</b> crystal structure of human uridine phosphorylase 2
29	<a href="#">d1ybfA_</a>	Alignment	not modelled	22.1	11	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
30	<a href="#">d1o98a1</a>	Alignment	not modelled	20.7	18	<b>Fold:</b> 2,3-Bisphosphoglycerate-independent phosphoglycerate mutase, substrate-binding domain <b>Superfamily:</b> 2,3-Bisphosphoglycerate-independent phosphoglycerate mutase, substrate-binding domain <b>Family:</b> 2,3-Bisphosphoglycerate-independent phosphoglycerate mutase, substrate-binding domain
31	<a href="#">c1jvnB_</a>	Alignment	not modelled	20.6	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> bifunctional histidine biosynthesis protein hisHf; <b>PDBTitle:</b> crystal structure of imidazole glycerol phosphate synthase: a tunnel2 through a (beta/alpha)8 barrel joins two active sites
32	<a href="#">c3t18D_</a>	Alignment	not modelled	20.4	16	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> aminotransferase class i and ii; <b>PDBTitle:</b> crystal structure of aminotransferase from anaerococcus prevotii dsm2 20548.
33	<a href="#">d2isya2</a>	Alignment	not modelled	20.4	25	<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
34	<a href="#">c3op1A_</a>	Alignment	not modelled	20.1	13	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> macrolide-efflux protein; <b>PDBTitle:</b> crystal structure of macrolide-efflux protein sp_1110 from2 streptococcus pneumoniae
35	<a href="#">d1f6ya_</a>	Alignment	not modelled	17.4	22	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Dihydropteroate synthetase-like <b>Family:</b> Methyltetrahydrofolate-utilizing methyltransferases
36	<a href="#">d1kftA_</a>	Alignment	not modelled	17.1	14	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> RuvA domain 2-like <b>Family:</b> Excinuclease UvrC C-terminal domain
37	<a href="#">c1kftA_</a>	Alignment	not modelled	17.1	14	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> excinuclease abc subunit c; <b>PDBTitle:</b> solution structure of the c-terminal domain of uvrC from e-2 coli
38	<a href="#">d1ywxal</a>	Alignment	not modelled	15.6	22	<b>Fold:</b> Ribosomal proteins S24e, L23 and L15e <b>Superfamily:</b> Ribosomal proteins S24e, L23 and L15e <b>Family:</b> Ribosomal protein S24e
39	<a href="#">c1k97A_</a>	Alignment	not modelled	15.0	17	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> argininosuccinate synthase; <b>PDBTitle:</b> crystal structure of e. coli argininosuccinate synthetase in complex2 with aspartate and citrulline
40	<a href="#">d1ka9f_</a>	Alignment	not modelled	14.7	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Ribulose-phosphate binding barrel <b>Family:</b> Histidine biosynthesis enzymes
41	<a href="#">d3bzka5</a>	Alignment	not modelled	14.7	13	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Ribonuclease H-like <b>Family:</b> Tex RuvX-like domain-like
42	<a href="#">d1h5ya_</a>	Alignment	not modelled	14.2	12	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Ribulose-phosphate binding barrel <b>Family:</b> Histidine biosynthesis enzymes
43	<a href="#">c2y85D_</a>	Alignment	not modelled	13.3	10	<b>PDB header:</b> isomerase <b>Chain:</b> D: <b>PDB Molecule:</b> phosphoribosyl isomerase a; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis phosphoribosyl2 isomerase with bound rcdrp
44	<a href="#">d1k9sa_</a>	Alignment	not modelled	13.3	17	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
45	<a href="#">c2y7eA_</a>	Alignment	not modelled	13.0	16	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 3-keto-5-aminoheptanoate cleavage enzyme; <b>PDBTitle:</b> crystal structure of the 3-keto-5-aminoheptanoate cleavage enzyme2 (kce) from candidatus cloacamonas acidaminovorans (tetragonal form)
46	<a href="#">c3chvA_</a>	Alignment	not modelled	12.8	16	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> prokaryotic domain of unknown function (duf849) with a tim <b>PDBTitle:</b> crystal structure of a prokaryotic domain of unknown function (duf849)2 member (spoa0042) from silicibacter pomeroyi dss-3 at 1.45 a3 resolution
47	<a href="#">c3no5C_</a>	Alignment	not modelled	12.7	13	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a pfam duf849 domain containing protein2 (reut_a1631) from ralstonia eutropha jmp134 at 1.90 a resolution
48	<a href="#">c3gndC_</a>	Alignment	not modelled	12.5	20	<b>PDB header:</b> lyase <b>Chain:</b> C: <b>PDB Molecule:</b> aldolase lsrf; <b>PDBTitle:</b> crystal structure of e. coli lsrf in complex with ribulose-5-phosphate
49	<a href="#">c2bdqA_</a>	Alignment	not modelled	12.5	19	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> copper homeostasis protein cutc; <b>PDBTitle:</b> crystal structure of the putative copper homeostasis2 protein cutc from streptococcus agalactiae, northeast3 structural genomics target sar15.
50	<a href="#">d1xn9a_</a>	Alignment	not modelled	12.2	20	<b>Fold:</b> Ribosomal proteins S24e, L23 and L15e <b>Superfamily:</b> Ribosomal proteins S24e, L23 and L15e <b>Family:</b> Ribosomal protein S24e
51	<a href="#">d1cuka2</a>	Alignment	not modelled	12.2	9	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> RuvA domain 2-like <b>Family:</b> DNA helicase RuvA subunit, middle domain

52	<a href="#">d1e0fi_</a>	Alignment	not modelled	12.1	56	<b>Fold:</b> Knottins (small inhibitors, toxins, lectins) <b>Superfamily:</b> Leech antihemostatic proteins <b>Family:</b> Hirudin-like
53	<a href="#">c1e0fl_</a>	Alignment	not modelled	12.1	56	<b>PDB header:</b> coagulation/crystal structure/heparin-b <b>Chain:</b> I: <b>PDB Molecule:</b> haemadin; <b>PDBTitle:</b> crystal structure of the human alpha-thrombin-haemadin2 complex: an exosite ii-binding inhibitor
54	<a href="#">c3av0A_</a>	Alignment	not modelled	11.6	25	<b>PDB header:</b> recombination <b>Chain:</b> A: <b>PDB Molecule:</b> dna double-strand break repair protein mre11; <b>PDBTitle:</b> crystal structure of mre11-rad50 bound to atp s
55	<a href="#">d2ilqa1</a>	Alignment	not modelled	10.9	4	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> Rad51 N-terminal domain-like <b>Family:</b> DNA repair protein Rad51, N-terminal domain
56	<a href="#">c1e0fl_</a>	Alignment	not modelled	10.9	56	<b>PDB header:</b> coagulation/crystal structure/heparin-b <b>Chain:</b> J: <b>PDB Molecule:</b> haemadin; <b>PDBTitle:</b> crystal structure of the human alpha-thrombin-haemadin2 complex: an exosite ii-binding inhibitor
57	<a href="#">c2csdB_</a>	Alignment	not modelled	10.8	9	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> topoisomerase v; <b>PDBTitle:</b> crystal structure of topoisomerase v (61 kda fragment)
58	<a href="#">d1yj5a1</a>	Alignment	not modelled	10.7	9	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> phosphatase domain of polynucleotide kinase
59	<a href="#">d1ii7a_</a>	Alignment	not modelled	10.6	21	<b>Fold:</b> Metallo-dependent phosphatases <b>Superfamily:</b> Metallo-dependent phosphatases <b>Family:</b> DNA double-strand break repair nuclease
60	<a href="#">d2a1jb1</a>	Alignment	not modelled	9.7	17	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> RuvA domain 2-like <b>Family:</b> Hef domain-like
61	<a href="#">d1xi3a_</a>	Alignment	not modelled	9.6	23	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Thiamin phosphate synthase <b>Family:</b> Thiamin phosphate synthase
62	<a href="#">c1o98A_</a>	Alignment	not modelled	9.6	19	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> 2,3-bisphosphoglycerate-independent <b>PDBTitle:</b> 1.4a crystal structure of phosphoglycerate mutase from2 bacillus stearothermophilus complexed with3 2-phosphoglycerate
63	<a href="#">d1g3wa2</a>	Alignment	not modelled	9.5	25	<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
64	<a href="#">d1ixra1</a>	Alignment	not modelled	9.5	5	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> RuvA domain 2-like <b>Family:</b> DNA helicase RuvA subunit, middle domain
65	<a href="#">c3eypB_</a>	Alignment	not modelled	9.5	23	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> putative alpha-l-fucosidase; <b>PDBTitle:</b> crystal structure of putative alpha-l-fucosidase from bacteroides2 thetaiotaomicron
66	<a href="#">c1t3ta_</a>	Alignment	not modelled	9.4	67	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoribosylformylglycinamide synthase; <b>PDBTitle:</b> structure of formylglycinamide synthetase
67	<a href="#">c2wvsD_</a>	Alignment	not modelled	9.4	22	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> alpha-l-fucosidase; <b>PDBTitle:</b> crystal structure of an alpha-l-fucosidase gh29 trapped2 covalent intermediate from bacteroides thetaiotaomicron i n3 complex with 2-fluoro-fucosyl fluoride using an e288q4 mutant
68	<a href="#">d1w5da1</a>	Alignment	not modelled	9.2	18	<b>Fold:</b> beta-lactamase/transpeptidase-like <b>Superfamily:</b> beta-lactamase/transpeptidase-like <b>Family:</b> Dac-like
69	<a href="#">c3iz5w_</a>	Alignment	not modelled	9.2	50	<b>PDB header:</b> ribosome <b>Chain:</b> W: <b>PDB Molecule:</b> 60s ribosomal protein l22 (l22e); <b>PDBTitle:</b> localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
70	<a href="#">c1hjpA_</a>	Alignment	not modelled	9.1	19	<b>PDB header:</b> dna recombination <b>Chain:</b> A: <b>PDB Molecule:</b> ruva; <b>PDBTitle:</b> holliday junction binding protein ruva from e. coli
71	<a href="#">c1e0fK_</a>	Alignment	not modelled	9.0	56	<b>PDB header:</b> coagulation/crystal structure/heparin-b <b>Chain:</b> K: <b>PDB Molecule:</b> haemadin; <b>PDBTitle:</b> crystal structure of the human alpha-thrombin-haemadin2 complex: an exosite ii-binding inhibitor
72	<a href="#">d1x2ia1</a>	Alignment	not modelled	8.9	8	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> RuvA domain 2-like <b>Family:</b> Hef domain-like
73	<a href="#">c2j8qB_</a>	Alignment	not modelled	8.9	19	<b>PDB header:</b> nuclear protein <b>Chain:</b> B: <b>PDB Molecule:</b> cleavage and polyadenylation specificity factor 5; <b>PDBTitle:</b> crystal structure of human cleavage and polyadenylation2 specificity factor 5 (cpsf5) in complex with a sulphate3 ion.
74	<a href="#">c2x0kB_</a>	Alignment	not modelled	8.9	13	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> riboflavin biosynthesis protein ribf; <b>PDBTitle:</b> crystal structure of modular fad synthetase from2 corynebacterium ammoniagenes
75	<a href="#">d1bvsA2</a>	Alignment	not modelled	8.9	5	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> RuvA domain 2-like <b>Family:</b> DNA helicase RuvA subunit, middle domain
76	<a href="#">d1t3ta4</a>	Alignment	not modelled	8.9	67	<b>Fold:</b> Bacillus chorismate mutase-like <b>Superfamily:</b> PurM N-terminal domain-like <b>Family:</b> PurM N-terminal domain-like
77	<a href="#">d2ex2a1</a>	Alignment	not modelled	8.2	22	<b>Fold:</b> beta-lactamase/transpeptidase-like <b>Superfamily:</b> beta-lactamase/transpeptidase-like <b>Family:</b> Dac-like

78	<a href="#">c3auzA</a>	 Alignment	not modelled	7.9	22	<b>PDB header:</b> recombination <b>Chain:</b> A: <b>PDB Molecule:</b> dna double-strand break repair protein mre11; <b>PDBTitle:</b> crystal structure of mre11 with manganese
79	<a href="#">d1szpa1</a>	 Alignment	not modelled	7.9	4	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> Rad51 N-terminal domain-like <b>Family:</b> DNA repair protein Rad51, N-terminal domain
80	<a href="#">d1szpb1</a>	 Alignment	not modelled	7.9	0	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> Rad51 N-terminal domain-like <b>Family:</b> DNA repair protein Rad51, N-terminal domain
81	<a href="#">d2qi2a3</a>	 Alignment	not modelled	7.7	15	<b>Fold:</b> Bacillus chorismate mutase-like <b>Superfamily:</b> L30e-like <b>Family:</b> ERF1/Dom34 C-terminal domain-like
82	<a href="#">d1rv9a</a>	 Alignment	not modelled	7.6	16	<b>Fold:</b> CNF1/YfiH-like putative cysteine hydrolases <b>Superfamily:</b> CNF1/YfiH-like putative cysteine hydrolases <b>Family:</b> YfiH-like
83	<a href="#">c3zqoK</a>	 Alignment	not modelled	7.5	15	<b>PDB header:</b> dna-binding protein <b>Chain:</b> K: <b>PDB Molecule:</b> terminase small subunit; <b>PDBTitle:</b> crystal structure of the small terminase oligomerization2 core domain from a spp1-like bacteriophage (crystal form 3)
84	<a href="#">d1x6va2</a>	 Alignment	not modelled	7.3	27	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Nucleotidyl transferase <b>Family:</b> ATP sulfurylase catalytic domain
85	<a href="#">c2h5xA</a>	 Alignment	not modelled	7.2	5	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> holliday junction atp-dependent dna helicase ruva; <b>PDBTitle:</b> ruva from mycobacterium tuberculosis
86	<a href="#">c2it0A</a>	 Alignment	not modelled	7.1	25	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> iron-dependent repressor ider; <b>PDBTitle:</b> crystal structure of a two-domain ider-dna complex crystal2 form ii
87	<a href="#">c3a3eB</a>	 Alignment	not modelled	7.1	16	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> penicillin-binding protein 4; <b>PDBTitle:</b> crystal structure of penicillin binding protein 4 (dacb)2 from haemophilus influenzae, complexed with novel beta-3 lactam (cmv)
88	<a href="#">d1rw0a</a>	 Alignment	not modelled	7.1	26	<b>Fold:</b> CNF1/YfiH-like putative cysteine hydrolases <b>Superfamily:</b> CNF1/YfiH-like putative cysteine hydrolases <b>Family:</b> YfiH-like
89	<a href="#">c2w1oA</a>	 Alignment	not modelled	7.1	33	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> 60s acidic ribosomal protein p2; <b>PDBTitle:</b> nmr structure of dimerization domain of human ribosomal2 protein p2
90	<a href="#">c3f0hA</a>	 Alignment	not modelled	6.8	9	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> aminotransferase; <b>PDBTitle:</b> crystal structure of aminotransferase (rer070207000802) from2 eubacterium rectale at 1.70 a resolution
91	<a href="#">d1wmhb</a>	 Alignment	not modelled	6.8	22	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> CAD & PB1 domains <b>Family:</b> PB1 domain
92	<a href="#">d1pzna1</a>	 Alignment	not modelled	6.8	4	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> Rad51 N-terminal domain-like <b>Family:</b> DNA repair protein Rad51, N-terminal domain
93	<a href="#">c3izbU</a>	 Alignment	not modelled	6.8	9	<b>PDB header:</b> ribosome <b>Chain:</b> U: <b>PDB Molecule:</b> 40s ribosomal protein s24; <b>PDBTitle:</b> localization of the small subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
94	<a href="#">d1nmpa</a>	 Alignment	not modelled	6.7	16	<b>Fold:</b> NIF3 (NGG1p interacting factor 3)-like <b>Superfamily:</b> NIF3 (NGG1p interacting factor 3)-like <b>Family:</b> NIF3 (NGG1p interacting factor 3)-like
95	<a href="#">c3iz6U</a>	 Alignment	not modelled	6.7	36	<b>PDB header:</b> ribosome <b>Chain:</b> U: <b>PDB Molecule:</b> 40s ribosomal protein s24 (s24e); <b>PDBTitle:</b> localization of the small subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
96	<a href="#">c3eufC</a>	 Alignment	not modelled	6.7	11	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> uridine phosphorylase 1; <b>PDBTitle:</b> crystal structure of bau-bound human uridine phosphorylase 1
97	<a href="#">c1oxjA</a>	 Alignment	not modelled	6.6	8	<b>PDB header:</b> rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> rna-binding protein smaug; <b>PDBTitle:</b> crystal structure of the smaug rna binding domain
98	<a href="#">d1dfoa</a>	 Alignment	not modelled	6.4	5	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
99	<a href="#">d3etja2</a>	 Alignment	not modelled	6.4	28	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> BC N-terminal domain-like