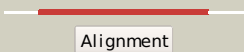

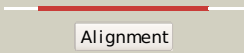







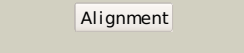

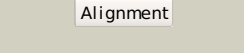
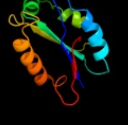
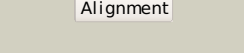



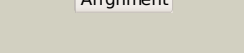
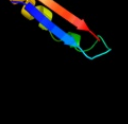
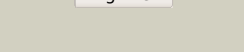



# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P71311
Date	Thu Jan 5 12:12:46 GMT 2012
Unique Job ID	cf46ee13cd9398d0

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2ixdB_</a>	 Alignment		100.0	26	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> lmbe-related protein; <b>PDBTitle:</b> crystal structure of the putative deacetylase bc1534 from2 bacillus cereus
2	<a href="#">dluana_</a>	 Alignment		100.0	27	<b>Fold:</b> LmbE-like <b>Superfamily:</b> LmbE-like <b>Family:</b> LmbE-like
3	<a href="#">c3dfiA_</a>	 Alignment		100.0	29	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> pseudoaglycone deacetylase dbv21; <b>PDBTitle:</b> the crystal structure of the antimicrobial reagent a40926 pseudoaglycone2 deacetylase dbv21
4	<a href="#">c1q7tA_</a>	 Alignment		100.0	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein rv1170; <b>PDBTitle:</b> rv1170 (mshb) from mycobacterium tuberculosis
5	<a href="#">c3dfmA_</a>	 Alignment		100.0	29	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> teicoplanin pseudoaglycone deacetylase orf2; <b>PDBTitle:</b> the crystal structure of the zinc inhibited form of2 teicoplanin deacetylase orf2
6	<a href="#">dlq74a_</a>	 Alignment		100.0	27	<b>Fold:</b> LmbE-like <b>Superfamily:</b> LmbE-like <b>Family:</b> LmbE-like
7	<a href="#">c1t9gR_</a>	 Alignment		91.6	13	<b>PDB header:</b> oxidoreductase, electron transport <b>Chain:</b> R: <b>PDB Molecule:</b> electron transfer flavoprotein alpha-subunit, <b>PDBTitle:</b> structure of the human mcad:etf complex
8	<a href="#">c3eywA_</a>	 Alignment		91.0	13	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> c-terminal domain of glutathione-regulated potassium-efflux <b>PDBTitle:</b> crystal structure of the c-terminal domain of e. coli kefc in complex2 with keff
9	<a href="#">dlefa1</a>	 Alignment		90.9	13	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
10	<a href="#">dlqrda_</a>	 Alignment		84.6	19	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase
11	<a href="#">dlxqa_</a>	 Alignment		84.4	16	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase

12	<a href="#">d1d4aa_</a>		Alignment		81.5	22	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase
13	<a href="#">d2qwa1</a>		Alignment		81.4	16	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase
14	<a href="#">c2r60A_</a>		Alignment		80.7	26	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> glycosyl transferase, group 1; <b>PDBTitle:</b> structure of apo sucrose phosphate synthase (sps) of2 halothermothrix oronii
15	<a href="#">c1f8sA_</a>		Alignment		75.0	26	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> l-amino acid oxidase; <b>PDBTitle:</b> crystal structure of l-amino acid oxidase from calloselasma2 rhodostoma, complexed with three molecules of o-aminobenzoate.
16	<a href="#">c3f2vA_</a>		Alignment		72.2	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> general stress protein 14; <b>PDBTitle:</b> crystal structure of the general stress protein 142 (tde0354) in complex with fmn from treponema denticola,3 northeast structural genomics consortium target tdr58.
17	<a href="#">c3ha2B_</a>		Alignment		71.9	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nadh-quinone reductase; <b>PDBTitle:</b> crystal structure of protein (nadh-quinone reductase) from2 p.pentosaceus, northeast structural genomics consortium target ptr24a
18	<a href="#">c1o94D_</a>		Alignment		71.9	19	<b>PDB header:</b> electron transport <b>Chain:</b> D: <b>PDB Molecule:</b> electron transfer flavoprotein alpha-subunit; <b>PDBTitle:</b> ternary complex between trimethylamine dehydrogenase and2 electron transferring flavoprotein
19	<a href="#">c3ih5A_</a>		Alignment		70.4	19	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> electron transfer flavoprotein alpha-subunit; <b>PDBTitle:</b> crystal structure of electron transfer flavoprotein alpha-2 subunit from bacteroides thetaiotaomicron
20	<a href="#">d1efpb_</a>		Alignment		70.4	19	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
21	<a href="#">c2e1mA_</a>		Alignment	not modelled	64.5	29	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> l-glutamate oxidase; <b>PDBTitle:</b> crystal structure of l-glutamate oxidase from streptomyces sp. x-119-6
22	<a href="#">d1v4va_</a>		Alignment	not modelled	58.8	16	<b>Fold:</b> UDP-Glycosyltransferase/glycogen phosphorylase <b>Superfamily:</b> UDP-Glycosyltransferase/glycogen phosphorylase <b>Family:</b> UDP-N-acetylglucosamine 2-epimerase
23	<a href="#">c3dzcA_</a>		Alignment	not modelled	58.2	15	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> udp-n-acetylglucosamine 2-epimerase; <b>PDBTitle:</b> 2.35 angstrom resolution structure of wecb (vc0917), a udp-n-2 acetylglucosamine 2-epimerase from vibrio cholerae.
24	<a href="#">d3clsc1</a>		Alignment	not modelled	58.0	23	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
25	<a href="#">c3ot5D_</a>		Alignment	not modelled	56.2	15	<b>PDB header:</b> isomerase <b>Chain:</b> D: <b>PDB Molecule:</b> udp-n-acetylglucosamine 2-epimerase; <b>PDBTitle:</b> 2.2 angstrom resolution crystal structure of putative udp-n-2 acetylglucosamine 2-epimerase from listeria monocytogenes
26	<a href="#">d1f0ka_</a>		Alignment	not modelled	55.8	25	<b>Fold:</b> UDP-Glycosyltransferase/glycogen phosphorylase <b>Superfamily:</b> UDP-Glycosyltransferase/glycogen phosphorylase <b>Family:</b> Peptidoglycan biosynthesis glycosyltransferase MurG
27	<a href="#">d3clsd1</a>		Alignment	not modelled	54.1	18	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
28	<a href="#">d1reoa1</a>		Alignment	not modelled	42.8	24	<b>Fold:</b> FAD/NAD(P)-binding domain <b>Superfamily:</b> FAD/NAD(P)-binding domain <b>Family:</b> FAD-linked reductases, N-terminal domain
							<b>Fold:</b> Tryptophan synthase beta subunit-like PLP-dependent enzymes

29	<a href="#">d1vb3a1</a>	Alignment	not modelled	40.6	16	<b>Superfamily:</b> Tryptophan synthase beta subunit-like PLP-dependent enzymes <b>Family:</b> Tryptophan synthase beta subunit-like PLP-dependent enzymes
30	<a href="#">c3jx9B_</a>	Alignment	not modelled	40.1	14	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> putative phosphoheptose isomerase; <b>PDBTitle:</b> crystal structure of putative phosphoheptose isomerase2 (yp_001815198.1) from <i>exiguobacterium</i> sp. 255-15 at 1.95 a resolution
31	<a href="#">c3iuuA_</a>	Alignment	not modelled	39.5	12	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative metalloproteinase; <b>PDBTitle:</b> crystal structure of putative metalloproteinase (yp_676511.1) from <i>mesorhizobium</i> sp. bnc1 at 2.13 a resolution
32	<a href="#">d1o94c_</a>	Alignment	not modelled	38.3	22	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
33	<a href="#">c2b9yA_</a>	Alignment	not modelled	35.3	34	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> putative aminooxidase; <b>PDBTitle:</b> crystal structure of cla-producing fatty acid isomerase2 from <i>p. acnes</i>
34	<a href="#">c2cmgA_</a>	Alignment	not modelled	34.9	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> spermidine synthase; <b>PDBTitle:</b> crystal structure of spermidine synthase from <i>helicobacter</i> 2 <i>pylori</i>
35	<a href="#">c3lteH_</a>	Alignment	not modelled	32.9	23	<b>PDB header:</b> transcription <b>Chain:</b> H: <b>PDB Molecule:</b> response regulator; <b>PDBTitle:</b> crystal structure of response regulator (signal receiver domain) from <i>2 bermanella marisrubri</i>
36	<a href="#">d1gph11</a>	Alignment	not modelled	31.8	14	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
37	<a href="#">d1ecfa1</a>	Alignment	not modelled	31.4	16	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
38	<a href="#">c3qi7A_</a>	Alignment	not modelled	30.9	19	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> crystal structure of a putative transcriptional regulator2 (yp_001089212.1) from <i>clostridium difficile</i> 630 at 1.86 a resolution
39	<a href="#">c2iyaB_</a>	Alignment	not modelled	29.4	8	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> oleandomycin glycosyltransferase; <b>PDBTitle:</b> the crystal structure of macrolide glycosyltransferases: a2 blueprint for antibiotic engineering
40	<a href="#">d2d59a1</a>	Alignment	not modelled	28.0	17	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> CoA-binding domain
41	<a href="#">c3dezA_</a>	Alignment	not modelled	27.0	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> orotate phosphoribosyltransferase; <b>PDBTitle:</b> crystal structure of orotate phosphoribosyltransferase from <i>2 streptococcus mutans</i>
42	<a href="#">c3c4vB_</a>	Alignment	not modelled	27.0	23	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> predicted glycosyltransferases; <b>PDBTitle:</b> structure of the retaining glycosyltransferase msha:the2 first step in mycothiol biosynthesis. organism:3 <i>corynebacterium glutamicum</i> : complex with udp and 1l-ins-1-4 p.
43	<a href="#">d2acva1</a>	Alignment	not modelled	26.0	12	<b>Fold:</b> UDP-Glycosyltransferase/glycogen phosphorylase <b>Superfamily:</b> UDP-Glycosyltransferase/glycogen phosphorylase <b>Family:</b> UDPGT-like
44	<a href="#">c1ps9A_</a>	Alignment	not modelled	25.5	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> 2,4-dienoyl-coa reductase; <b>PDBTitle:</b> the crystal structure and reaction mechanism of <i>e. coli</i> 2,4-2 dienoyl coa reductase
45	<a href="#">c3ia7A_</a>	Alignment	not modelled	25.3	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> calg4; <b>PDBTitle:</b> crystal structure of calg4, the calicheamicin glycosyltransferase
46	<a href="#">d1fmfa_</a>	Alignment	not modelled	24.6	14	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Cobalamin (vitamin B12)-binding domain <b>Family:</b> Cobalamin (vitamin B12)-binding domain
47	<a href="#">c2jb1B_</a>	Alignment	not modelled	23.8	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> l-amino acid oxidase; <b>PDBTitle:</b> the l-amino acid oxidase from <i>rhodococcus opacus</i> in complex2 with l-alanine
48	<a href="#">d1k68a_</a>	Alignment	not modelled	22.9	19	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
49	<a href="#">c2xagA_</a>	Alignment	not modelled	22.4	27	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> lysine-specific histone demethylase 1; <b>PDBTitle:</b> crystal structure of lsd1-corest in complex with para-bromo-2 (-)-trans-2-phenylcyclopropyl-1-amine
50	<a href="#">c2v1dA_</a>	Alignment	not modelled	22.4	27	<b>PDB header:</b> oxidoreductase/repressor <b>Chain:</b> A: <b>PDB Molecule:</b> lysine-specific histone demethylase 1; <b>PDBTitle:</b> structural basis of lsd1-corest selectivity in histone h32 recognition
51	<a href="#">c3rpeA_</a>	Alignment	not modelled	22.3	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> modulator of drug activity b; <b>PDBTitle:</b> 1.1 angstrom crystal structure of putative modulator of drug activity2 (mdab) from <i>yersinia pestis</i> co92.
52	<a href="#">c2hkoA_</a>	Alignment	not modelled	22.2	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> lysine-specific histone demethylase 1; <b>PDBTitle:</b> crystal structure of lsd1
53	<a href="#">c3d0qB_</a>	Alignment	not modelled	22.1	8	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> protein calg3; <b>PDBTitle:</b> crystal structure of calg3 from <i>micromonospora echinospora</i> determined2 in space group i222
						<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> probable trna (5-methylaminomethyl)-2-

54	<a href="#">c2hmaA</a>	Alignment	not modelled	21.5	8	thiouridylate)- <b>PDBTitle:</b> the crystal structure of trna (5-methylaminomethyl-2-thiouridylate)-2 methyltransferase trmu from streptococcus pneumoniae
55	<a href="#">c3q9cF</a>	Alignment	not modelled	21.5	8	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> acetylpolysamine amidohydrolase; <b>PDBTitle:</b> crystal structure of h159a apah complexed with n8-acetylspermidine
56	<a href="#">d1a9xa3</a>	Alignment	not modelled	21.4	24	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> BC N-terminal domain-like
57	<a href="#">d2aeaa1</a>	Alignment	not modelled	21.2	24	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
58	<a href="#">c3menC</a>	Alignment	not modelled	20.9	8	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> acetylpolysamine aminohydrolase; <b>PDBTitle:</b> crystal structure of acetylpolysamine aminohydrolase from burkholderia2 pseudomallei, iodide soak
59	<a href="#">c1k97A</a>	Alignment	not modelled	20.8	15	<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
60	<a href="#">d1k66a</a>	Alignment	not modelled	19.4	18	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
61	<a href="#">c3devB</a>	Alignment	not modelled	19.1	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> sh1221; <b>PDBTitle:</b> crystal structure of sh1221 protein from staphylococcus haemolyticus,2 northeast structural genomics consortium target shr87
62	<a href="#">c2yxba</a>	Alignment	not modelled	19.0	12	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> coenzyme b12-dependent mutase; <b>PDBTitle:</b> crystal structure of the methylmalonyl-coa mutase alpha-subunit from2 aeropyrum pernix
63	<a href="#">c2bi8A</a>	Alignment	not modelled	18.9	38	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> udp-galactopyranose mutase; <b>PDBTitle:</b> udp-galactopyranose mutase from klebsiella pneumoniae with2 reduced fad
64	<a href="#">c3m3ha</a>	Alignment	not modelled	17.4	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> orotate phosphoribosyltransferase; <b>PDBTitle:</b> 1.75 angstrom resolution crystal structure of an orotate2 phosphoribosyltransferase from bacillus anthracis str. 'ames3 ancestor'
65	<a href="#">d2iida1</a>	Alignment	not modelled	17.4	30	<b>Fold:</b> FAD/NAD(P)-binding domain <b>Superfamily:</b> FAD/NAD(P)-binding domain <b>Family:</b> FAD-linked reductases, N-terminal domain
66	<a href="#">d1ir6a</a>	Alignment	not modelled	17.3	21	<b>Fold:</b> DHH phosphoesterases <b>Superfamily:</b> DHH phosphoesterases <b>Family:</b> Exonuclease RecJ
67	<a href="#">c1ir6A</a>	Alignment	not modelled	17.3	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> exonuclease recj; <b>PDBTitle:</b> crystal structure of exonuclease recj bound to manganese
68	<a href="#">d1ybha3</a>	Alignment	not modelled	17.2	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
69	<a href="#">d1p3da1</a>	Alignment	not modelled	17.2	23	<b>Fold:</b> MurCD N-terminal domain <b>Superfamily:</b> MurCD N-terminal domain <b>Family:</b> MurCD N-terminal domain
70	<a href="#">c2gwrA</a>	Alignment	not modelled	16.8	24	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna-binding response regulator mtra; <b>PDBTitle:</b> crystal structure of the response regulator protein mtra from2 mycobacterium tuberculosis
71	<a href="#">d2ji7a3</a>	Alignment	not modelled	16.8	19	<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
72	<a href="#">d2c1ha1</a>	Alignment	not modelled	16.7	17	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> 5-aminolaevulinic dehydratase, ALAD (prophobilinogen synthase)
73	<a href="#">d1y0ba1</a>	Alignment	not modelled	16.7	26	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
74	<a href="#">c3enkB</a>	Alignment	not modelled	16.6	15	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> udp-glucose 4-epimerase; <b>PDBTitle:</b> 1.9a crystal structure of udp-glucose 4-epimerase from2 burkholderia pseudomallei
75	<a href="#">c3q9sA</a>	Alignment	not modelled	16.2	19	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna-binding response regulator; <b>PDBTitle:</b> crystal structure of rra(1-215) from deinococcus radiodurans
76	<a href="#">c2xhyD</a>	Alignment	not modelled	16.2	8	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> 6-phospho-beta-glucosidase bgla; <b>PDBTitle:</b> crystal structure of e.coli bgla
77	<a href="#">d2pw6a1</a>	Alignment	not modelled	16.1	20	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> LigB-like <b>Family:</b> LigB-like
78	<a href="#">c3iaaB</a>	Alignment	not modelled	15.8	15	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> calg2; <b>PDBTitle:</b> crystal structure of calg2, calicheamicin glycosyltransferase, tdp2 bound form
79	<a href="#">d1k92a1</a>	Alignment	not modelled	15.6	16	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> N-type ATP pyrophosphatases
						<b>PDB header:</b> hydrolase

80	<a href="#">c3qomA</a>	Alignment	not modelled	15.4	8	<b>Chain:</b> A: <b>PDB Molecule:</b> 6-phospho-beta-glucosidase; <b>PDBTitle:</b> crystal structure of 6-phospho-beta-glucosidase from lactobacillus2 plantarum
81	<a href="#">d1mzva</a>	Alignment	not modelled	15.4	24	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
82	<a href="#">c2dy0A</a>	Alignment	not modelled	14.8	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> adenine phosphoribosyltransferase; <b>PDBTitle:</b> crystal structure of project jw0458 from escherichia coli
83	<a href="#">d2afwa1</a>	Alignment	not modelled	14.6	21	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Zn-dependent exopeptidases <b>Family:</b> Glutaminyl-peptide cyclotransferase-like
84	<a href="#">d1seza1</a>	Alignment	not modelled	14.3	33	<b>Fold:</b> FAD/NAD(P)-binding domain <b>Superfamily:</b> FAD/NAD(P)-binding domain <b>Family:</b> FAD-linked reductases, N-terminal domain
85	<a href="#">c3ai0A</a>	Alignment	not modelled	14.0	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-glucosidase; <b>PDBTitle:</b> crystal structure of beta-glucosidase from termite neotermes2 koshunensis in complex with para-nitrophenyl-beta-d-glucopyranoside
86	<a href="#">d1o57a2</a>	Alignment	not modelled	13.9	18	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
87	<a href="#">d1x1ma</a>	Alignment	not modelled	13.8	10	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Xylose isomerase-like <b>Family:</b> Xylose isomerase
88	<a href="#">c1jscA</a>	Alignment	not modelled	13.7	13	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> acetoxyhydroxy-acid synthase; <b>PDBTitle:</b> crystal structure of the catalytic subunit of yeast2 acetoxyhydroxyacid synthase: a target for herbicidal3 inhibitors
89	<a href="#">c2p6pB</a>	Alignment	not modelled	13.6	21	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> glycosyl transferase; <b>PDBTitle:</b> x-ray crystal structure of c-c bond-forming dtdp-d-olivose-transferase2 urdgt2
90	<a href="#">c1ecjB</a>	Alignment	not modelled	13.6	17	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> glutamine phosphoribosylpyrophosphate <b>PDBTitle:</b> escherichia coli glutamine phosphoribosylpyrophosphate2 (prpp) amidotransferase complexed with 2 amp per tetramer
91	<a href="#">d1efpa1</a>	Alignment	not modelled	13.4	15	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
92	<a href="#">d1e4mm</a>	Alignment	not modelled	13.3	10	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Family 1 of glycosyl hydrolase
93	<a href="#">c3khtA</a>	Alignment	not modelled	12.8	20	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator; <b>PDBTitle:</b> crystal structure of response regulator from hahella chejuensis
94	<a href="#">d1c0pa1</a>	Alignment	not modelled	12.7	24	<b>Fold:</b> Nucleotide-binding domain <b>Superfamily:</b> Nucleotide-binding domain <b>Family:</b> D-aminoacid oxidase, N-terminal domain
95	<a href="#">c2c4kD</a>	Alignment	not modelled	12.5	30	<b>PDB header:</b> regulatory protein <b>Chain:</b> D: <b>PDB Molecule:</b> phosphoribosyl pyrophosphate synthetase- <b>PDBTitle:</b> crystal structure of human phosphoribosylpyrophosphate2 synthetase-associated protein 39 (pap39)
96	<a href="#">c2jf7B</a>	Alignment	not modelled	12.4	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> strictosidine-o-beta-d-glucosidase; <b>PDBTitle:</b> structure of strictosidine glucosidase
97	<a href="#">c1c0iA</a>	Alignment	not modelled	12.3	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> d-amino acid oxidase; <b>PDBTitle:</b> crystal structure of d-amino acid oxidase in complex with2 two anthranilate molecules
98	<a href="#">d1bxca</a>	Alignment	not modelled	12.1	13	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Xylose isomerase-like <b>Family:</b> Xylose isomerase
99	<a href="#">d1dkua2</a>	Alignment	not modelled	12.0	24	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosylpyrophosphate synthetase-like