

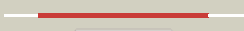





















# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P0ADA1
Date	Thu Jan 5 11:20:25 GMT 2012
Unique Job ID	4d262b57c816c9f8

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1jrla_</a>	 Alignment		100.0	99	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> TAP-like
2	<a href="#">c3hp4A_</a>	 Alignment		100.0	44	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> gdsI-esterase; <b>PDBTitle:</b> crystal structure of psychrotrophic esterase esta from2 pseudoalteromonas sp. 643a inhibited by monoethylphosphonate
3	<a href="#">c2o14A_</a>	 Alignment		100.0	23	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein yxim; <b>PDBTitle:</b> x-ray crystal structure of protein yxim_bacsu from bacillus2 subtilis. northeast structural genomics consortium target3 sr595
4	<a href="#">c3mla_</a>	 Alignment		100.0	22	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> isoamyl acetate-hydrolyzing esterase; <b>PDBTitle:</b> crystal structure of isoamyl acetate-hydrolyzing esterase from2 saccharomyces cerevisiae
5	<a href="#">c3p94A_</a>	 Alignment		100.0	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> gdsI-like lipase; <b>PDBTitle:</b> crystal structure of a gdsI-like lipase (bdi_0976) from2 parabacteroides distasonis atcc 8503 at 1.93 a resolution
6	<a href="#">c3rjtA_</a>	 Alignment		100.0	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lipolytic protein g-d-s-l family; <b>PDBTitle:</b> crystal structure of lipolytic protein g-d-s-l family from2 alicyclobacillus acidocaldarius subsp. acidocaldarius dsm 446
7	<a href="#">d1yzfa1</a>	 Alignment		100.0	18	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> TAP-like
8	<a href="#">c2vptA_</a>	 Alignment		100.0	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lipolytic enzyme; <b>PDBTitle:</b> clostridium thermocellum family 3 carbohydrate esterase
9	<a href="#">d3bzwa1</a>	 Alignment		100.0	17	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> BT2961-like
10	<a href="#">c3bzwa_</a>	 Alignment		100.0	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative lipase; <b>PDBTitle:</b> crystal structure of a putative lipase from bacteroides2 thetaiotaomicron
11	<a href="#">c2waoA_</a>	 Alignment		99.9	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endoglucanase e; <b>PDBTitle:</b> structure of a family two carbohydrate esterase from2 clostridium thermocellum in complex with cellobiohexase

12	<a href="#">d1k7ca_</a>	Alignment		99.9	18	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> Rhamnogalacturonan acylesterase
13	<a href="#">c2waaA_</a>	Alignment		99.9	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> xylan esterase, putative, axe2c; <b>PDBTitle:</b> structure of a family two carbohydrate esterase from2 cellvibrio japonicus
14	<a href="#">d2o14a2</a>	Alignment		99.9	24	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> YxiM C-terminal domain-like
15	<a href="#">d3dc7a1</a>	Alignment		99.9	19	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> BT2961-like
16	<a href="#">c3dc7B_</a>	Alignment		99.9	21	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> putative uncharacterized protein lp_3323; <b>PDBTitle:</b> crystal structure of the protein q88sr8 from lactobacillus plantarum.2 northeast structural genomics consortium target lpr109.
17	<a href="#">d1vjga_</a>	Alignment		99.9	20	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> Hypothetical protein alr1529
18	<a href="#">dles9a_</a>	Alignment		99.9	20	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> Acetylhydrolase
19	<a href="#">d1fxwf_</a>	Alignment		99.9	19	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> Acetylhydrolase
20	<a href="#">c2q0qC_</a>	Alignment		99.9	24	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> aryl esterase; <b>PDBTitle:</b> structure of the native m. smegmatis aryl esterase
21	<a href="#">c3dciB_</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> arylesterase; <b>PDBTitle:</b> the structure of a putative arylesterase from agrobacterium2 tumefaciens str. c58
22	<a href="#">d2hsja1</a>	Alignment	not modelled	99.9	22	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> Acetylhydrolase
23	<a href="#">c2w9xA_</a>	Alignment	not modelled	99.9	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative acetyl xylan esterase; <b>PDBTitle:</b> the active site of a carbohydrate esterase displays2 divergent3 catalytic and non-catalytic binding functions
24	<a href="#">dlesca_</a>	Alignment	not modelled	99.9	21	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> Esterase
25	<a href="#">c3kvnA_</a>	Alignment	not modelled	98.7	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> esterase esta; <b>PDBTitle:</b> crystal structure of the full-length autotransporter esta from2 pseudomonas aeruginosa
26	<a href="#">d2apia1</a>	Alignment	not modelled	97.6	11	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> SGNH hydrolase <b>Family:</b> Putative acetyl xylan esterase-like
27	<a href="#">c3bmaC_</a>	Alignment	not modelled	97.0	9	<b>PDB header:</b> ligase <b>Chain:</b> C: <b>PDB Molecule:</b> d-alanyl-lipoteichoic acid synthetase; <b>PDBTitle:</b> crystal structure of d-alanyl-lipoteichoic acid synthetase from2 streptococcus pneumoniae r6
28	<a href="#">c3pt5A_</a>	Alignment	not modelled	96.6	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> nans (yjh5), a 9-o-acetyl n-acetylneuraminic acid esterase; <b>PDBTitle:</b> crystal structure of nans
						<b>Fold:</b> Flavodoxin-like

29	<a href="#">dlzmba1</a>	Alignment	not modelled	96.3	14	<b>Superfamily:</b> SGNH hydrolase <b>Family:</b> Putative acetylxytan esterase-like
30	<a href="#">c3nvba</a>	Alignment	not modelled	88.0	7	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of n-terminal part of the protein bf1531 from2 bacteroides fragilis containing phosphatase domain complexed with mg3 and tungstate
31	<a href="#">dljlja</a>	Alignment	not modelled	87.7	14	<b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
32	<a href="#">d2f7wa1</a>	Alignment	not modelled	85.9	14	<b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
33	<a href="#">c2pjka</a>	Alignment	not modelled	84.9	9	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> 178aa long hypothetical molybdenum cofactor <b>PDBTitle:</b> structure of hypothetical molybdenum cofactor biosynthesis2 protein b from sulfolobus tokodaii
34	<a href="#">dlmkza</a>	Alignment	not modelled	82.9	15	<b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
35	<a href="#">c3q9cF</a>	Alignment	not modelled	81.5	12	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> acetyl polyamine amidohydrolase; <b>PDBTitle:</b> crystal structure of h159a apah complexed with n8-acetylspermidine
36	<a href="#">c3menC</a>	Alignment	not modelled	80.4	18	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> acetyl polyamine aminohydrolase; <b>PDBTitle:</b> crystal structure of acetyl polyamine aminohydrolase from burkholderia2 pseudomallei, iodide soak
37	<a href="#">clvcna</a>	Alignment	not modelled	77.7	13	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> ctp synthetase; <b>PDBTitle:</b> crystal structure of t.th. hb8 ctp synthetase complex with sulfate2 anion
38	<a href="#">dluuya</a>	Alignment	not modelled	77.4	17	<b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
39	<a href="#">dlvcoa2</a>	Alignment	not modelled	77.2	13	<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
40	<a href="#">c2is8A</a>	Alignment	not modelled	76.6	15	<b>PDB header:</b> structural protein <b>Chain:</b> A: <b>PDB Molecule:</b> molybdopterin biosynthesis enzyme, moab; <b>PDBTitle:</b> crystal structure of the molybdopterin biosynthesis enzyme moab2 (tha0341) from thermus thermophilus hb8
41	<a href="#">dlv5ea1</a>	Alignment	not modelled	72.4	14	<b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
42	<a href="#">c3maxB</a>	Alignment	not modelled	71.7	21	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> histone deacetylase 2; <b>PDBTitle:</b> crystal structure of human hdac2 complexed with an n-(2-aminophenyl)2 benzamide
43	<a href="#">dl1t64a</a>	Alignment	not modelled	70.8	18	<b>Fold:</b> Arginase/deacetylase <b>Superfamily:</b> Arginase/deacetylase <b>Family:</b> Histone deacetylase, HDAC
44	<a href="#">c3ew8A</a>	Alignment	not modelled	70.8	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> histone deacetylase 8; <b>PDBTitle:</b> crystal structure analysis of human hdac8 d101l variant
45	<a href="#">d2csua1</a>	Alignment	not modelled	69.8	9	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> CoA-binding domain
46	<a href="#">c3nvaB</a>	Alignment	not modelled	69.5	12	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> ctp synthase; <b>PDBTitle:</b> dimeric form of ctp synthase from sulfolobus solfataricus
47	<a href="#">dlc3pa</a>	Alignment	not modelled	55.9	16	<b>Fold:</b> Arginase/deacetylase <b>Superfamily:</b> Arginase/deacetylase <b>Family:</b> Histone deacetylase, HDAC
48	<a href="#">c3qi7A</a>	Alignment	not modelled	55.9	10	<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 clostridium difficile 630 at 1.86 a resolution
49	<a href="#">c2bg5C</a>	Alignment	not modelled	47.2	8	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> phosphoenolpyruvate-protein kinase; <b>PDBTitle:</b> crystal structure of the phosphoenolpyruvate-binding enzyme2 i-domain from the thermoanaerobacter tengcongensis pep:3 sugar phosphotransferase system (pts)
50	<a href="#">c2g4rB</a>	Alignment	not modelled	44.1	15	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> B: <b>PDB Molecule:</b> molybdopterin biosynthesis mog protein; <b>PDBTitle:</b> anomalous substructure of moga
51	<a href="#">clv8aA</a>	Alignment	not modelled	40.7	45	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein af1437; <b>PDBTitle:</b> structure of gene product af1437 from archaeoglobus fulgidus
52	<a href="#">d2g2ca1</a>	Alignment	not modelled	40.5	16	<b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
53	<a href="#">c2hwgA</a>	Alignment	not modelled	35.7	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoenolpyruvate-protein phosphotransferase; <b>PDBTitle:</b> structure of phosphorylated enzyme i of the2 phosphoenolpyruvate:sugar phosphotransferase system
54	<a href="#">dliuka</a>	Alignment	not modelled	35.3	20	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains

						<b>Family:</b> CoA-binding domain
55	<a href="#">c3kbqA</a>	Alignment	not modelled	34.6	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> protein ta0487; <b>PDBTitle:</b> the crystal structure of the protein cina with unknown function from2 thermoplasma acidophilum
56	<a href="#">c2hroA</a>	Alignment	not modelled	28.1	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoenolpyruvate-protein phosphotransferase; <b>PDBTitle:</b> structure of the full-lenght enzyme i of the pts system from2 staphylococcus carnosus
57	<a href="#">d2vo1a1</a>	Alignment	not modelled	25.8	15	<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
58	<a href="#">d3c10a1</a>	Alignment	not modelled	25.8	18	<b>Fold:</b> Arginase/deacetylase <b>Superfamily:</b> Arginase/deacetylase <b>Family:</b> Histone deacetylase, HDAC
59	<a href="#">c2ohoA</a>	Alignment	not modelled	25.5	14	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate racemase; <b>PDBTitle:</b> structural basis for glutamate racemase inhibitor
60	<a href="#">c3rfqC</a>	Alignment	not modelled	24.8	11	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> C: <b>PDB Molecule:</b> pterin-4- $\alpha$ -carbinolamine dehydratase moab2; <b>PDBTitle:</b> crystal structure of pterin-4- $\alpha$ -carbinolamine dehydratase moab22 from mycobacterium marinum
61	<a href="#">d1xpja</a>	Alignment	not modelled	24.6	11	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> Hypothetical protein VC0232
62	<a href="#">d1s1ma2</a>	Alignment	not modelled	24.3	11	<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
63	<a href="#">c3fxtB</a>	Alignment	not modelled	23.7	16	<b>PDB header:</b> gene regulation <b>Chain:</b> B: <b>PDB Molecule:</b> nucleoside diphosphate-linked moiety x motif 6; <b>PDBTitle:</b> crystal structure of the n-terminal domain of human nudt6
64	<a href="#">c2ad5B</a>	Alignment	not modelled	22.3	11	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> ctp synthase; <b>PDBTitle:</b> mechanisms of feedback regulation and drug resistance of ctp2 synthetases: structure of the e. coli ctps/ctp complex at 2.8-3 angstrom resolution.
65	<a href="#">c1hyhA</a>	Alignment	not modelled	20.2	16	<b>PDB header:</b> oxidoreductase (choh(d)-nad+(a)) <b>Chain:</b> A: <b>PDB Molecule:</b> l-2-hydroxyisocaproate dehydrogenase; <b>PDBTitle:</b> crystal structure of l-2-hydroxyisocaproate dehydrogenase from2 lactobacillus confusus at 2.2 angstroms resolution-an example of3 strong asymmetry between subunits
66	<a href="#">c2ps3A</a>	Alignment	not modelled	19.1	15	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> high-affinity zinc uptake system protein znua; <b>PDBTitle:</b> structure and metal binding properties of znua, a2 periplasmic zinc transporter from escherichia coli
67	<a href="#">c2qlsA</a>	Alignment	not modelled	17.1	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoenolpyruvate synthase; <b>PDBTitle:</b> the crystal structure of the phosphoenolpyruvate synthase from2 neisseria meningitidis
68	<a href="#">d1hyha1</a>	Alignment	not modelled	15.7	16	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> LDH N-terminal domain-like
69	<a href="#">d1dxea</a>	Alignment	not modelled	14.8	13	<b>Fold:</b> TIM beta/ $\alpha$ -barrel <b>Superfamily:</b> Phosphoenolpyruvate/pyruvate domain <b>Family:</b> HpcH/Hpal aldolase
70	<a href="#">d2bdua1</a>	Alignment	not modelled	14.6	36	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> Pyrimidine 5'-nucleotidase (UMPH-1)
71	<a href="#">d1y81a1</a>	Alignment	not modelled	14.4	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
72	<a href="#">c3cyvA</a>	Alignment	not modelled	14.4	10	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> uroporphyrinogen decarboxylase; <b>PDBTitle:</b> crystal structure of uroporphyrinogen decarboxylase from2 shigella flexineri: new insights into its catalytic3 mechanism
73	<a href="#">c2bs9B</a>	Alignment	not modelled	14.0	13	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> beta-xylosidase; <b>PDBTitle:</b> native crystal structure of a gh39 beta-xylosidase xynb12 from geobacillus stearothermophilus
74	<a href="#">d1c7ga</a>	Alignment	not modelled	14.0	12	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> Beta-eliminating lyases
75	<a href="#">d2d59a1</a>	Alignment	not modelled	13.7	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
76	<a href="#">c2csuB</a>	Alignment	not modelled	13.5	10	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> 457aa long hypothetical protein; <b>PDBTitle:</b> crystal structure of ph0766 from pyrococcus horikoshii ot3
77	<a href="#">d1edta</a>	Alignment	not modelled	13.5	10	<b>Fold:</b> TIM beta/ $\alpha$ -barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Type II chitinase
78	<a href="#">c2vqqA</a>	Alignment	not modelled	13.4	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> histone deacetylase 4; <b>PDBTitle:</b> structure of hdac4 catalytic domain (a double cysteine-to-2 alanine mutant) bound to a trifluoromethylketone inhibitor
79	<a href="#">d2v1pa1</a>	Alignment	not modelled	12.7	19	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases

					<b>Family:</b> Beta-eliminating lyases
80	<a href="#">c3gycB_</a>	Alignment	not modelled	12.3	8 <b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative glycoside hydrolase; <b>PDBTitle:</b> crystal structure of putative glycoside hydrolase (yp_001304622.1)2 from parabacteroides distasonis atcc 8503 at 1.85 a resolution
81	<a href="#">d5ldha1</a>	Alignment	not modelled	12.1	10 <b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> LDH N-terminal domain-like
82	<a href="#">c2i55C_</a>	Alignment	not modelled	12.0	28 <b>PDB header:</b> isomerase <b>Chain:</b> C: <b>PDB Molecule:</b> phosphomannomutase; <b>PDBTitle:</b> complex of glucose-1,6-bisphosphate with phosphomannomutase from2 leishmania mexicana
83	<a href="#">c2v5jB_</a>	Alignment	not modelled	11.5	13 <b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> 2,4-dihydroxyhept-2-ene-1,7-dioic acid aldolase; <b>PDBTitle:</b> apo class ii aldolase hpch
84	<a href="#">d1e0ta2</a>	Alignment	not modelled	11.2	7 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Phosphoenolpyruvate/pyruvate domain <b>Family:</b> Pyruvate kinase
85	<a href="#">d1tpla_</a>	Alignment	not modelled	11.2	12 <b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> Beta-eliminating lyases
86	<a href="#">c3i5tB_</a>	Alignment	not modelled	11.2	9 <b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> aminotransferase; <b>PDBTitle:</b> crystal structure of aminotransferase prk07036 from rhodobacter2 sphaeroides kd131
87	<a href="#">c2r47C_</a>	Alignment	not modelled	10.4	9 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> uncharacterized protein mth_862; <b>PDBTitle:</b> crystal structure of mth_862 protein of unknown function from2 methanothermobacter thermautotrophicus
88	<a href="#">d2tpsa_</a>	Alignment	not modelled	10.4	14 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Thiamin phosphate synthase <b>Family:</b> Thiamin phosphate synthase
89	<a href="#">d9ldta1</a>	Alignment	not modelled	10.2	12 <b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> LDH N-terminal domain-like
90	<a href="#">d1llda1</a>	Alignment	not modelled	10.2	16 <b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> LDH N-terminal domain-like
91	<a href="#">c3fcrA_</a>	Alignment	not modelled	10.2	9 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative aminotransferase; <b>PDBTitle:</b> crystal structure of putative aminotransferase (yp_614685.1) from2 silicibacter sp. tm1040 at 1.80 a resolution
92	<a href="#">d1ohwa_</a>	Alignment	not modelled	10.1	4 <b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
93	<a href="#">c2jfqA_</a>	Alignment	not modelled	9.8	15 <b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate racemase; <b>PDBTitle:</b> crystal structure of staphylococcus aureus glutamate2 racemase in complex with d-glutamate
94	<a href="#">c1uhvD_</a>	Alignment	not modelled	9.8	10 <b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> beta-xylosidase; <b>PDBTitle:</b> crystal structure of beta-d-xylosidase from2 thermoanaerobacterium saccharolyticum, a family 393 glycoside hydrolase
95	<a href="#">d1iv0a_</a>	Alignment	not modelled	9.7	11 <b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Ribonuclease H-like <b>Family:</b> Putative Holliday junction resolvase RuvX
96	<a href="#">c2e7vA_</a>	Alignment	not modelled	9.3	6 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> transmembrane protease; <b>PDBTitle:</b> crystal structure of sea domain of transmembrane protease2 from mus musculus
97	<a href="#">c3jszA_</a>	Alignment	not modelled	9.2	12 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> legionella pneumophila glucosyltransferase lgt1 n293a with udp-glc
98	<a href="#">c2wvsD_</a>	Alignment	not modelled	9.0	13 <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 in3 complex with 2-fluoro-fucosyl fluoride using an e288q4 mutant
99	<a href="#">c2vwtA_</a>	Alignment	not modelled	8.7	16 <b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> yfau, 2-keto-3-deoxy sugar aldolase; <b>PDBTitle:</b> crystal structure of yfau, a metal ion dependent class ii2 aldolase from escherichia coli k12 - mg-pyruvate product3 complex