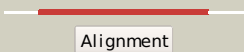

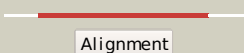

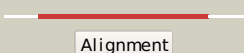

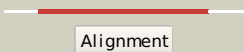

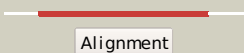

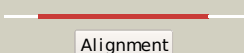

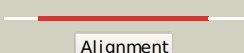

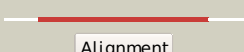

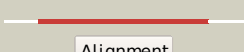

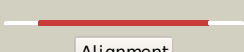

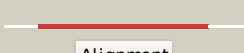








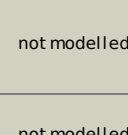


# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P77445
Date	Thu Jan 5 12:29:23 GMT 2012
Unique Job ID	03ddb17dec36591d

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3hazA_</a>	 Alignment		100.0	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> proline dehydrogenase; <b>PDBTitle:</b> crystal structure of bifunctional proline utilization a2 (puta) protein
2	<a href="#">c2jg7G_</a>	 Alignment		100.0	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> antiquitin; <b>PDBTitle:</b> crystal structure of seabream antiquitin and elucidation of2 its substrate specificity
3	<a href="#">c3qanB_</a>	 Alignment		100.0	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 1-pyrroline-5-carboxylate dehydrogenase 1; <b>PDBTitle:</b> crystal structure of 1-pyrroline-5-carboxylate dehydrogenase from2 bacillus halodurans
4	<a href="#">dluzba_</a>	 Alignment		100.0	19	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
5	<a href="#">d1a4sa_</a>	 Alignment		100.0	14	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
6	<a href="#">c3ed6B_</a>	 Alignment		100.0	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> betaine aldehyde dehydrogenase; <b>PDBTitle:</b> 1.7 angstrom resolution crystal structure of betaine aldehyde2 dehydrogenase (betb) from staphylococcus aureus
7	<a href="#">c3prlD_</a>	 Alignment		100.0	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> nadp-dependent glyceraldehyde-3-phosphate dehydrogenase; <b>PDBTitle:</b> crystal structure of nadp-dependent glyceraldehyde-3-phosphate2 dehydrogenase from bacillus halodurans c-125
8	<a href="#">d1bxsA_</a>	 Alignment		100.0	17	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
9	<a href="#">c2o2qA_</a>	 Alignment		100.0	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> formyltetrahydrofolate dehydrogenase; <b>PDBTitle:</b> crystal structure of the c-terminal domain of rat2 10'formyltetrahydrofolate dehydrogenase in complex with nadp
10	<a href="#">c2ve5H_</a>	 Alignment		100.0	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> H: <b>PDB Molecule:</b> betaine aldehyde dehydrogenase; <b>PDBTitle:</b> crystallographic structure of betaine aldehyde2 dehydrogenase from pseudomonas aeruginosa
11	<a href="#">d1euha_</a>	 Alignment		100.0	17	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like

12	<a href="#">d1o9ja_</a>	Alignment		100.0	16	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
13	<a href="#">c3iwbB_</a>	Alignment		100.0	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> aminoaldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of aminoaldehyde dehydrogenase 1 from2 pisum sativum (psamadh1)
14	<a href="#">d1o04a_</a>	Alignment		100.0	14	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
15	<a href="#">c2d4eB_</a>	Alignment		100.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 5-carboxymethyl-2-hydroxymuconate semialdehyde <b>PDBTitle:</b> crystal structure of the hpcc from thermus thermophilus hb8
16	<a href="#">c3rh9A_</a>	Alignment		100.0	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> succinate-semialdehyde dehydrogenase (nad(p)(+)); <b>PDBTitle:</b> the crystal structure of oxidoreductase from marinobacter aquaeolei
17	<a href="#">d1ky8a_</a>	Alignment		100.0	17	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
18	<a href="#">d1ag8a_</a>	Alignment		100.0	15	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
19	<a href="#">c3ek1C_</a>	Alignment		100.0	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> aldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of aldehyde dehydrogenase from brucella2 melitensis biovar abortus 2308
20	<a href="#">d1wnda_</a>	Alignment		100.0	16	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
21	<a href="#">c3ifgH_</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> H: <b>PDB Molecule:</b> succinate-semialdehyde dehydrogenase (nadp+); <b>PDBTitle:</b> crystal structure of succinate-semialdehyde dehydrogenase from2 burkholderia pseudomallei, part 1 of 2
22	<a href="#">c2w8qA_</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> succinate-semialdehyde dehydrogenase, <b>PDBTitle:</b> the crystal structure of human ssadh in complex with ssa.
23	<a href="#">c1t90B_</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> probable methylmalonate-semialdehyde <b>PDBTitle:</b> crystal structure of methylmalonate semialdehyde2 dehydrogenase from bacillus subtilis
24	<a href="#">c3r31A_</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> betaine aldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of betaine aldehyde dehydrogenase from agrobacterium2 tumefaciens
25	<a href="#">c3b4wA_</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis aldehyde dehydrogenase2 complexed with nad+
26	<a href="#">c3pqaA_</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> lactaldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of glyceraldehyde-3-phosphate dehydrogenase gapn2 from methanocaldococcus jannaschii dsm 2661
27	<a href="#">c3i44A_</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of aldehyde dehydrogenase from bartonella2 henselae at 2.0a resolution
28	<a href="#">c3k2wD_</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> betaine-aldehyde dehydrogenase;

28	<a href="#">c3k2wD_</a>	Alignment	not modelled	100.0	16	<b>PDBTitle:</b> crystal structure of betaine-aldehyde dehydrogenase from2 pseudoalteromonas atlantica t6c <b>PDB header:</b> oxidoreductase
29	<a href="#">c3jz4C_</a>	Alignment	not modelled	100.0	17	<b>Chain:</b> C: <b>PDB Molecule:</b> succinate-semialdehyde dehydrogenase [nadp+]; <b>PDBTitle:</b> crystal structure of e. coli nadp dependent enzyme
30	<a href="#">c3efvC_</a>	Alignment	not modelled	100.0	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> putative succinate-semialdehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of a putative succinate-semialdehyde dehydrogenase2 from salmonella typhimurium lt2 with bound nad
31	<a href="#">c3rosA_</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> nad-dependent aldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of nad-dependent aldehyde dehydrogenase from2 lactobacillus acidophilus
32	<a href="#">c2hg2A_</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldehyde dehydrogenase a; <b>PDBTitle:</b> structure of lactaldehyde dehydrogenase
33	<a href="#">c3ju8B_</a>	Alignment	not modelled	100.0	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> succinylglutamic semialdehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of succinylglutamic semialdehyde dehydrogenase from2 pseudomonas aeruginosa.
34	<a href="#">d1bi9a_</a>	Alignment	not modelled	100.0	16	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
35	<a href="#">d1ez0a_</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
36	<a href="#">d1ad3a_</a>	Alignment	not modelled	100.0	19	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
37	<a href="#">c3k9dD_</a>	Alignment	not modelled	100.0	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> aldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of probable aldehyde dehydrogenase from listeria2 monocytogenes egd-e
38	<a href="#">c3v4cB_</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> aldehyde dehydrogenase (nadp+); <b>PDBTitle:</b> crystal structure of a semialdehyde dehydrogenase from sinorhizobium2 meliloti 1021
39	<a href="#">c3r64A_</a>	Alignment	not modelled	100.0	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> nad dependent benzaldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of a nad-dependent benzaldehyde dehydrogenase from2 corynebacterium glutamicum
40	<a href="#">c2vroB_</a>	Alignment	not modelled	100.0	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> aldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of aldehyde dehydrogenase from2 burkholderia xenovorans lb400
41	<a href="#">d1o20a_</a>	Alignment	not modelled	100.0	18	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
42	<a href="#">c3my7A_</a>	Alignment	not modelled	100.0	29	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> alcohol dehydrogenase/acetaldehyde dehydrogenase; <b>PDBTitle:</b> the crystal structure of the acdh domain of an alcohol dehydrogenase2 from vibrio parahaemolyticus to 2.25a
43	<a href="#">c3lnsD_</a>	Alignment	not modelled	100.0	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> benzaldehyde dehydrogenase; <b>PDBTitle:</b> benzaldehyde dehydrogenase, a class 3 aldehyde dehydrogenase, with2 bound nadp+ and benzoate adduct
44	<a href="#">d1vlua_</a>	Alignment	not modelled	100.0	21	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
45	<a href="#">c2h5gA_</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> delta 1-pyrroline-5-carboxylate synthetase; <b>PDBTitle:</b> crystal structure of human pyrroline-5-carboxylate synthetase
46	<a href="#">c1vlvB_</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> gamma-glutamyl phosphate reductase; <b>PDBTitle:</b> crystal structure of gamma-glutamyl phosphate reductase (yor323c) from2 saccharomyces cerevisiae at 2.40 a resolution
47	<a href="#">d1k75a_</a>	Alignment	not modelled	97.4	15	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> L-histidinol dehydrogenase HisD
48	<a href="#">d1y5ea1</a>	Alignment	not modelled	42.3	13	<b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
49	<a href="#">c2yvqA_</a>	Alignment	not modelled	26.5	13	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> carbamoyl-phosphate synthase; <b>PDBTitle:</b> crystal structure of mgs domain of carbamoyl-phosphate2 synthetase from homo sapiens
50	<a href="#">c3iv4A_</a>	Alignment	not modelled	24.8	6	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative oxidoreductase; <b>PDBTitle:</b> a putative oxidoreductase with a thioredoxin fold
51	<a href="#">d1np7a2</a>	Alignment	not modelled	22.1	10	<b>Fold:</b> Cryptochrome/photolyase, N-terminal domain <b>Superfamily:</b> Cryptochrome/photolyase, N-terminal domain <b>Family:</b> Cryptochrome/photolyase, N-terminal domain
52	<a href="#">c3jtpB_</a>	Alignment	not modelled	19.2	24	<b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> adapter protein meca 1; <b>PDBTitle:</b> crystal structure of the c-terminal domain of meca
53	<a href="#">d1a9xa2</a>	Alignment	not modelled	19.0	15	<b>Fold:</b> Methylglyoxal synthase-like <b>Superfamily:</b> Methylglyoxal synthase-like <b>Family:</b> Carbamoyl phosphate synthetase, large subunit allosteric,

					C-terminal domain
54	<a href="#">d2g2ca1</a>	Alignment	not modelled	18.7	14 <b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
55	<a href="#">d1wo8a1</a>	Alignment	not modelled	18.4	10 <b>Fold:</b> Methylglyoxal synthase-like <b>Superfamily:</b> Methylglyoxal synthase-like <b>Family:</b> Methylglyoxal synthase, MgsA
56	<a href="#">d1s7ia_</a>	Alignment	not modelled	17.1	15 <b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> DGPF domain (Pfam 04946)
57	<a href="#">c2is8A_</a>	Alignment	not modelled	15.5	12 <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 (ttha0341) from thermus thermophilus hb8
58	<a href="#">d2j07a2</a>	Alignment	not modelled	14.0	13 <b>Fold:</b> Cryptochrome/photolyase, N-terminal domain <b>Superfamily:</b> Cryptochrome/photolyase, N-terminal domain <b>Family:</b> Cryptochrome/photolyase, N-terminal domain
59	<a href="#">d1oy0a_</a>	Alignment	not modelled	13.7	21 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Phosphoenolpyruvate/pyruvate domain <b>Family:</b> Ketopantoate hydroxymethyltransferase PanB
60	<a href="#">c3labA_</a>	Alignment	not modelled	12.5	27 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative kdpG (2-keto-3-deoxy-6-phosphogluconate) <b>PDBTitle:</b> crystal structure of a putative kdpG (2-keto-3-deoxy-6-2-phosphogluconate) aldolase from oleispira antarctica
61	<a href="#">d1o66a_</a>	Alignment	not modelled	11.6	18 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Phosphoenolpyruvate/pyruvate domain <b>Family:</b> Ketopantoate hydroxymethyltransferase PanB
62	<a href="#">c3q3hA_</a>	Alignment	not modelled	10.7	22 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> hmw1c-like glycosyltransferase; <b>PDBTitle:</b> crystal structure of the actinobacillus pleuropneumoniae hmw1c2 glycosyltransferase in complex with udp-glc
63	<a href="#">d1uz5a3</a>	Alignment	not modelled	9.5	15 <b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MoeA central domain-like
64	<a href="#">d1g99a2</a>	Alignment	not modelled	8.6	19 <b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Actin-like ATPase domain <b>Family:</b> Acetokinase-like
65	<a href="#">c3ibpA_</a>	Alignment	not modelled	8.5	13 <b>PDB header:</b> cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> chromosome partition protein mukB; <b>PDBTitle:</b> the crystal structure of the dimerization domain of escherichia coli2 structural maintenance of chromosomes protein mukB
66	<a href="#">d1mkza_</a>	Alignment	not modelled	8.5	15 <b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
67	<a href="#">c2pjka_</a>	Alignment	not modelled	8.5	15 <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 sulfobus tokodaii
68	<a href="#">c2xiga_</a>	Alignment	not modelled	8.0	8 <b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> ferric uptake regulation protein; <b>PDBTitle:</b> the structure of the helicobacter pylori ferric uptake2 regulator fur reveals three functional metal binding sites
69	<a href="#">d2e1za2</a>	Alignment	not modelled	7.7	19 <b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Actin-like ATPase domain <b>Family:</b> Acetokinase-like
70	<a href="#">c2g4rB_</a>	Alignment	not modelled	7.3	12 <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
71	<a href="#">c2ec4A_</a>	Alignment	not modelled	7.3	12 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> fas-associated factor 1; <b>PDBTitle:</b> solution structure of the uas domain from human fas-2 associated factor 1
72	<a href="#">c1uz5A_</a>	Alignment	not modelled	7.2	18 <b>PDB header:</b> molybdopterin biosynthesis <b>Chain:</b> A: <b>PDB Molecule:</b> 402aa long hypothetical molybdopterin <b>PDBTitle:</b> the crystal structure of molybdopterin biosynthesis moea2 protein from pyrococcus horikoshii
73	<a href="#">d1ydua1</a>	Alignment	not modelled	7.1	13 <b>Fold:</b> At5g01610-like <b>Superfamily:</b> At5g01610-like <b>Family:</b> At5g01610-like
74	<a href="#">d1hkya_</a>	Alignment	not modelled	7.1	21 <b>Fold:</b> Hairpin loop containing domain-like <b>Superfamily:</b> Hairpin loop containing domain-like <b>Family:</b> Pan module (APPLE domain)
75	<a href="#">c2vpiA_</a>	Alignment	not modelled	6.9	14 <b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> gmp synthase; <b>PDBTitle:</b> human gmp synthetase - glutaminase domain
76	<a href="#">d1xxaa_</a>	Alignment	not modelled	6.5	29 <b>Fold:</b> DcoH-like <b>Superfamily:</b> C-terminal domain of arginine repressor <b>Family:</b> C-terminal domain of arginine repressor
77	<a href="#">c2hw2A_</a>	Alignment	not modelled	6.5	17 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> rifampin adp-ribosyl transferase; <b>PDBTitle:</b> crystal structure of rifampin adp-ribosyl transferase in2 complex with rifampin
78	<a href="#">d2f7wa1</a>	Alignment	not modelled	6.4	15 <b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MogA-like
79	<a href="#">c1gr0A_</a>	Alignment	not modelled	6.3	16 <b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> inositol-3-phosphate synthase; <b>PDBTitle:</b> myo-inositol 1-phosphate synthase from mycobacterium2

					tuberculosis in complex with nad and zinc.
80	<a href="#">c3jtoE_</a>	Alignment	not modelled	6.0	13 <b>PDB header:</b> protein binding <b>Chain:</b> E: <b>PDB Molecule:</b> adapter protein meca 2; <b>PDBTitle:</b> crystal structure of the c-terminal domain of ypbh
81	<a href="#">d1v8da_</a>	Alignment	not modelled	5.9	14 <b>Fold:</b> TTHA0583/YokD-like <b>Superfamily:</b> TTHA0583/YokD-like <b>Family:</b> Hypothetical protein TT1679
82	<a href="#">c2iirJ_</a>	Alignment	not modelled	5.9	19 <b>PDB header:</b> transferase <b>Chain:</b> J: <b>PDB Molecule:</b> acetate kinase; <b>PDBTitle:</b> acetate kinase from a hypothermophile thermotoga maritima
83	<a href="#">d2ey4c1</a>	Alignment	not modelled	5.7	33 <b>Fold:</b> Reductase/isomerase/elongation factor common domain <b>Superfamily:</b> Translation proteins <b>Family:</b> Gar1-like SnoRNP
84	<a href="#">c2hvyB_</a>	Alignment	not modelled	5.5	33 <b>PDB header:</b> isomerase/biosynthetic protein/rna <b>Chain:</b> B: <b>PDB Molecule:</b> small nucleolar rnp similar to gar1; <b>PDBTitle:</b> crystal structure of an h/aca box rnp from pyrococcus furiosus
85	<a href="#">d2ftsa3</a>	Alignment	not modelled	5.5	20 <b>Fold:</b> Molybdenum cofactor biosynthesis proteins <b>Superfamily:</b> Molybdenum cofactor biosynthesis proteins <b>Family:</b> MoeA central domain-like
86	<a href="#">c3v4gA_</a>	Alignment	not modelled	5.4	29 <b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> arginine repressor; <b>PDBTitle:</b> 1.60 angstrom resolution crystal structure of an arginine repressor2 from vibrio vulnificus cmcp6
87	<a href="#">d1ovma2</a>	Alignment	not modelled	5.3	9 <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 Pyr module
88	<a href="#">c3rfqC_</a>	Alignment	not modelled	5.2	23 <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
89	<a href="#">d1jx6a_</a>	Alignment	not modelled	5.2	12 <b>Fold:</b> Periplasmic binding protein-like I <b>Superfamily:</b> Periplasmic binding protein-like I <b>Family:</b> L-arabinose binding protein-like