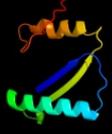
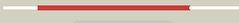
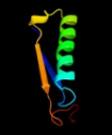
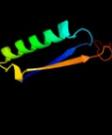
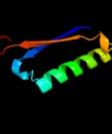
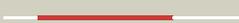
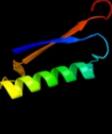
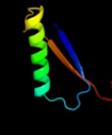
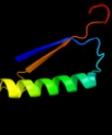
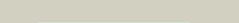


# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P31992
Date	Thu Jan 5 11:48:57 GMT 2012
Unique Job ID	764e78dae7f62102

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1gyxa_</a>	 Alignment		100.0	100	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> 4-oxalocrotonate tautomerase-like
2	<a href="#">c2x4kB_</a>	 Alignment		99.5	16	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> 4-oxalocrotonate tautomerase; <b>PDBTitle:</b> crystal structure of sar1376, a putative 4-oxalocrotonate2 tautomerase from the methicillin-resistant staphylococcus3 aureus (mrsa)
3	<a href="#">c3mb2G_</a>	 Alignment		99.5	20	<b>PDB header:</b> isomerase <b>Chain:</b> G: <b>PDB Molecule:</b> 4-oxalocrotonate tautomerase family enzyme - alpha subunit; <b>PDBTitle:</b> kinetic and structural characterization of a heterohexamer 4-2 oxalocrotonate tautomerase from chloroflexus aurantiacus j-10-fl:3 implications for functional and structural diversity in the4 tautomerase superfamily
4	<a href="#">c3abfB_</a>	 Alignment		99.5	16	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> 4-oxalocrotonate tautomerase; <b>PDBTitle:</b> crystal structure of a 4-oxalocrotonate tautomerase homologue2 (tthb242)
5	<a href="#">d1otfa_</a>	 Alignment		99.5	9	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> 4-oxalocrotonate tautomerase-like
6	<a href="#">d1bjpa_</a>	 Alignment		99.4	18	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> 4-oxalocrotonate tautomerase-like
7	<a href="#">c3ry0A_</a>	 Alignment		99.4	22	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> putative tautomerase; <b>PDBTitle:</b> crystal structure of tomn, a 4-oxalocrotonate tautomerase homologue in2 tomaymycin biosynthetic pathway
8	<a href="#">c2op8A_</a>	 Alignment		99.4	13	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> probable tautomerase ywhb; <b>PDBTitle:</b> crystal structure of ywhb- homologue of 4-oxalocrotonate tautomerase
9	<a href="#">c2ormA_</a>	 Alignment		99.4	24	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> probable tautomerase hp0924; <b>PDBTitle:</b> crystal structure of the 4-oxalocrotonate tautomerase homologue dmpi2 from helicobacter pylori.
10	<a href="#">c3m20A_</a>	 Alignment		99.2	22	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-oxalocrotonate tautomerase, putative; <b>PDBTitle:</b> crystal structure of dmpi from archaeoglobus fulgidus determined to2 2.37 angstroms resolution
11	<a href="#">d1mwwa_</a>	 Alignment		99.1	15	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> Hypothetical protein H11388.1

12	<a href="#">c3mlcC_</a>	Alignment		99.1	20	<b>PDB header:</b> isomerase <b>Chain:</b> C: <b>PDB Molecule:</b> fg41 malonate semialdehyde decarboxylase; <b>PDBTitle:</b> crystal structure of fg41msad inactivated by 3-chloropropiolate
13	<a href="#">c2flzC_</a>	Alignment		98.9	16	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> cis-3-chloroacrylic acid dehalogenase; <b>PDBTitle:</b> the x-ray structure of cis-3-chloroacrylic acid dehalogenase (cis-2 caad) with a sulfate ion bound in the active site
14	<a href="#">d2aala1</a>	Alignment		98.9	16	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MSAD-like
15	<a href="#">c3n4dF_</a>	Alignment		98.8	16	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> putative tautomerase; <b>PDBTitle:</b> crystal structure of cg10062 inactivated by(r)-oxirane-2-carboxylate
16	<a href="#">c3c6vB_</a>	Alignment		97.9	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> probable tautomerase/dehalogenase au4130; <b>PDBTitle:</b> crystal structure of au4130/apc7354, a probable enzyme from the2 thermophilic fungus aspergillus fumigatus
17	<a href="#">d1uiza_</a>	Alignment		97.9	10	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MIF-related
18	<a href="#">c3gacD_</a>	Alignment		97.8	16	<b>PDB header:</b> cytokine <b>Chain:</b> D: <b>PDB Molecule:</b> macrophage migration inhibitory factor-like <b>PDBTitle:</b> structure of mif with hpp
19	<a href="#">c2xczA_</a>	Alignment		97.8	16	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> possible atls1-like light-inducible protein; <b>PDBTitle:</b> crystal structure of macrophage migration inhibitory factor2 homologue from prochlorococcus marinus
20	<a href="#">c2os5C_</a>	Alignment		97.6	16	<b>PDB header:</b> cytokine <b>Chain:</b> C: <b>PDB Molecule:</b> acemif; <b>PDBTitle:</b> macrophage migration inhibitory factor from ancylostoma ceylanicum
21	<a href="#">d1dpta_</a>	Alignment	not modelled	97.6	10	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MIF-related
22	<a href="#">d1hfoa_</a>	Alignment	not modelled	97.6	8	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MIF-related
23	<a href="#">d2gdga1</a>	Alignment	not modelled	97.5	6	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MIF-related
24	<a href="#">d1gd0a_</a>	Alignment	not modelled	97.4	6	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MIF-related
25	<a href="#">c3e6qL_</a>	Alignment	not modelled	97.4	14	<b>PDB header:</b> isomerase <b>Chain:</b> L: <b>PDB Molecule:</b> putative 5-carboxymethyl-2-hydroxymuconate isomerase; <b>PDBTitle:</b> putative 5-carboxymethyl-2-hydroxymuconate isomerase from pseudomonas2 aeruginosa.
26	<a href="#">d1s0ya_</a>	Alignment	not modelled	97.4	23	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> 4-oxalocrotonate tautomerase-like
27	<a href="#">c3fwtA_</a>	Alignment	not modelled	97.2	22	<b>PDB header:</b> cytokine <b>Chain:</b> A: <b>PDB Molecule:</b> macrophage migration inhibitory factor-like <b>PDBTitle:</b> crystal structure of leishmania major mif2
28	<a href="#">c3b64A_</a>	Alignment	not modelled	97.0	18	<b>PDB header:</b> cytokine <b>Chain:</b> A: <b>PDB Molecule:</b> macrophage migration inhibitory factor-like <b>PDBTitle:</b> macrophage migration inhibitory factor (mif) from2 /leishmania major <b>PDB header:</b> immune system

29	<a href="#">c3t5sA_</a>	Alignment	not modelled	97.0	16	<b>Chain:</b> A: <b>PDB Molecule:</b> macrophage migration inhibitory factor; <b>PDBTitle:</b> structure of macrophage migration inhibitory factor from giardia2 lamblia
30	<a href="#">d1otga_</a>	Alignment	not modelled	96.9	12	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> 5-carboxymethyl-2-hydroxyuconate isomerase (CHMI)
31	<a href="#">d1fima_</a>	Alignment	not modelled	96.3	7	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> MIF-related
32	<a href="#">d1s0yb_</a>	Alignment	not modelled	96.0	22	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> 4-oxalocrotonate tautomerase-like
33	<a href="#">c3ej9D_</a>	Alignment	not modelled	96.0	22	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> beta-subunit of trans-3-chloroacrylic acid dehalogenase; <b>PDBTitle:</b> structural and mechanistic analysis of trans-3-chloroacrylic acid2 dehalogenase activity
34	<a href="#">c3mb2J_</a>	Alignment	not modelled	94.7	23	<b>PDB header:</b> isomerase <b>Chain:</b> J: <b>PDB Molecule:</b> 4-oxalocrotonate tautomerase family enzyme - beta subunit; <b>PDBTitle:</b> kinetic and structural characterization of a heterohexameric 4-2 oxalocrotonate tautomerase from chloroflexus aurantiacus j-10-fl:3 implications for functional and structural diversity in the4 tautomerase superfamily
35	<a href="#">d1u9da_</a>	Alignment	not modelled	92.0	21	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> VC0714-like
36	<a href="#">d2ivya1</a>	Alignment	not modelled	45.1	14	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> TTP0101/SSO1404-like <b>Family:</b> TTP0101/SSO1404-like
37	<a href="#">d1wh9a_</a>	Alignment	not modelled	40.0	13	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> Prokaryotic type KH domain (KH-domain type II) <b>Family:</b> Prokaryotic type KH domain (KH-domain type II)
38	<a href="#">d2daya1</a>	Alignment	not modelled	32.0	20	<b>Fold:</b> UBC-like <b>Superfamily:</b> UBC-like <b>Family:</b> RWD domain
39	<a href="#">c2eg5C_</a>	Alignment	not modelled	28.1	19	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> xanthosine methyltransferase; <b>PDBTitle:</b> the structure of xanthosine methyltransferase
40	<a href="#">d1zj8a1</a>	Alignment	not modelled	24.8	6	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like <b>Family:</b> Duplicated SiR/NiR-like domains 1 and 3
41	<a href="#">c3hrdF_</a>	Alignment	not modelled	21.1	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> nicotinate dehydrogenase medium molybdopterin <b>PDBTitle:</b> crystal structure of nicotinate dehydrogenase
42	<a href="#">c3fxeA_</a>	Alignment	not modelled	21.0	25	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> protein icmq; <b>PDBTitle:</b> crystal structure of interacting domains of icmr and icmq (seleno-2 derivative)
43	<a href="#">d1wjwa_</a>	Alignment	not modelled	20.2	6	<b>Fold:</b> TBP-like <b>Superfamily:</b> Phosphoglucomutase, C-terminal domain <b>Family:</b> Phosphoglucomutase, C-terminal domain
44	<a href="#">c2ebmA_</a>	Alignment	not modelled	19.1	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> rwd domain-containing protein 1; <b>PDBTitle:</b> solution structure of the rwd domain of human rwd domain2 containing protein 1
45	<a href="#">d1v97a5</a>	Alignment	not modelled	17.8	23	<b>Fold:</b> Molybdenum cofactor-binding domain <b>Superfamily:</b> Molybdenum cofactor-binding domain <b>Family:</b> Molybdenum cofactor-binding domain
46	<a href="#">d2akja1</a>	Alignment	not modelled	17.4	14	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like <b>Family:</b> Duplicated SiR/NiR-like domains 1 and 3
47	<a href="#">c2y9jt_</a>	Alignment	not modelled	17.2	15	<b>PDB header:</b> protein transport <b>Chain:</b> T: <b>PDB Molecule:</b> protein prgh; <b>PDBTitle:</b> three-dimensional model of salmonella's needle complex at2 subnanometer resolution
48	<a href="#">d2i0xa1</a>	Alignment	not modelled	16.9	11	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> TTP0101/SSO1404-like <b>Family:</b> TTP0101/SSO1404-like
49	<a href="#">d1lq9a_</a>	Alignment	not modelled	16.2	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Actinorhodin biosynthesis monooxygenase ActVa-Orf6
50	<a href="#">c2kl0A_</a>	Alignment	not modelled	16.0	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative thiamin biosynthesis this; <b>PDBTitle:</b> solution nmr structure of rhodopseudomonas palustris rpa3574,2 northeast structural genomics consortium (nesg) target rpr325
51	<a href="#">d1wh5a_</a>	Alignment	not modelled	14.1	15	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
52	<a href="#">d1ukxa_</a>	Alignment	not modelled	13.4	17	<b>Fold:</b> UBC-like <b>Superfamily:</b> UBC-like <b>Family:</b> RWD domain
53	<a href="#">c2v4iA_</a>	Alignment	not modelled	12.4	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate n-acetyltransferase 2 alpha chain; <b>PDBTitle:</b> structure of a novel n-acyl-enzyme intermediate of an n-2 terminal nucleophile (ntn) hydrolase, oat2
54	<a href="#">d1vkua_</a>	Alignment	not modelled	12.3	8	<b>Fold:</b> Acyl carrier protein-like <b>Superfamily:</b> ACP-like <b>Family:</b> Acyl-carrier protein (ACP)

55	<a href="#">d1lcda_</a>	Alignment	not modelled	12.2	16	<b>Fold:</b> lambda repressor-like DNA-binding domains <b>Superfamily:</b> lambda repressor-like DNA-binding domains <b>Family:</b> GalR/LacI-like bacterial regulator
56	<a href="#">d1t3qb2</a>	Alignment	not modelled	11.8	14	<b>Fold:</b> Molybdenum cofactor-binding domain <b>Superfamily:</b> Molybdenum cofactor-binding domain <b>Family:</b> Molybdenum cofactor-binding domain
57	<a href="#">d1yh5a1</a>	Alignment	not modelled	11.6	10	<b>Fold:</b> YggU-like <b>Superfamily:</b> YggU-like <b>Family:</b> YggU-like
58	<a href="#">d3e11a1</a>	Alignment	not modelled	11.2	13	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> TTHA0227-like
59	<a href="#">d1a3qa1</a>	Alignment	not modelled	10.8	18	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> E set domains <b>Family:</b> NF-kappa-B/REL/DORSAL transcription factors, C-terminal domain
60	<a href="#">d1ffvb2</a>	Alignment	not modelled	10.8	14	<b>Fold:</b> Molybdenum cofactor-binding domain <b>Superfamily:</b> Molybdenum cofactor-binding domain <b>Family:</b> Molybdenum cofactor-binding domain
61	<a href="#">d1p5dx4</a>	Alignment	not modelled	10.8	13	<b>Fold:</b> TBP-like <b>Superfamily:</b> Phosphoglucosyltransferase, C-terminal domain <b>Family:</b> Phosphoglucosyltransferase, C-terminal domain
62	<a href="#">d1zud21</a>	Alignment	not modelled	10.7	18	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> MoaD/ThiS <b>Family:</b> ThiS
63	<a href="#">c1sb3D_</a>	Alignment	not modelled	10.7	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> 4-hydroxybenzoyl-coa reductase alpha subunit; <b>PDBTitle:</b> structure of 4-hydroxybenzoyl-coa reductase from thauera2 aromatica
64	<a href="#">d2ejqa1</a>	Alignment	not modelled	10.5	3	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> TTHA0227-like
65	<a href="#">d1n62b2</a>	Alignment	not modelled	10.5	18	<b>Fold:</b> Molybdenum cofactor-binding domain <b>Superfamily:</b> Molybdenum cofactor-binding domain <b>Family:</b> Molybdenum cofactor-binding domain
66	<a href="#">c3eubL_</a>	Alignment	not modelled	10.2	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> L: <b>PDB Molecule:</b> xanthine dehydrogenase/oxidase; <b>PDBTitle:</b> crystal structure of desulfo-xanthine oxidase with xanthine
67	<a href="#">d1aopa1</a>	Alignment	not modelled	10.1	10	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like <b>Family:</b> Duplicated SiR/NiR-like domains 1 and 3
68	<a href="#">d1hlva1</a>	Alignment	not modelled	9.8	24	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Centromere-binding
69	<a href="#">c2ebkA_</a>	Alignment	not modelled	9.8	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> rwd domain-containing protein 3; <b>PDBTitle:</b> solution structure of the rwd domain of human rwd domain2 containing protein 3
70	<a href="#">c3epvB_</a>	Alignment	not modelled	9.6	21	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> nickel and cobalt resistance protein cnrr; <b>PDBTitle:</b> x-ray structure of the metal-sensor cnrx in both the apo- and copper-2 bound forms
71	<a href="#">c2w54F_</a>	Alignment	not modelled	9.6	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> xanthine dehydrogenase; <b>PDBTitle:</b> crystal structure of xanthine dehydrogenase from2 rhodobacter capsulatus in complex with bound inhibitor3 pterin-6-aldehyde
72	<a href="#">d2bjca1</a>	Alignment	not modelled	9.4	16	<b>Fold:</b> lambda repressor-like DNA-binding domains <b>Superfamily:</b> lambda repressor-like DNA-binding domains <b>Family:</b> GalR/LacI-like bacterial regulator
73	<a href="#">d1tygb_</a>	Alignment	not modelled	9.1	6	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> MoaD/ThiS <b>Family:</b> ThiS
74	<a href="#">d1qpza1</a>	Alignment	not modelled	9.0	18	<b>Fold:</b> lambda repressor-like DNA-binding domains <b>Superfamily:</b> lambda repressor-like DNA-binding domains <b>Family:</b> GalR/LacI-like bacterial regulator
75	<a href="#">c1t3qB_</a>	Alignment	not modelled	8.9	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> quinoline 2-oxidoreductase large subunit; <b>PDBTitle:</b> crystal structure of quinoline 2-oxidoreductase from pseudomonas2 putida 86
76	<a href="#">c1a3qA_</a>	Alignment	not modelled	8.9	18	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> protein (nuclear factor kappa-b p52); <b>PDBTitle:</b> human nf-kappa-b p52 bound to dna
77	<a href="#">c3oq2A_</a>	Alignment	not modelled	8.7	19	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> crispr-associated protein cas2; <b>PDBTitle:</b> structure of a crispr associated protein cas2 from desulfovibrio2 vulgaris
78	<a href="#">c2wwaj_</a>	Alignment	not modelled	8.7	15	<b>PDB header:</b> ribosome <b>Chain:</b> J: <b>PDB Molecule:</b> 60s ribosomal protein l19; <b>PDBTitle:</b> cryo-em structure of idle yeast ssh1 complex bound to the2 yeast 80s ribosome
79	<a href="#">c2a67C_</a>	Alignment	not modelled	8.6	10	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> isochorismatase family protein; <b>PDBTitle:</b> crystal structure of isochorismatase family protein
80	<a href="#">d1jrob2</a>	Alignment	not modelled	8.4	14	<b>Fold:</b> Molybdenum cofactor-binding domain <b>Superfamily:</b> Molybdenum cofactor-binding domain <b>Family:</b> Molybdenum cofactor-binding domain

81	<a href="#">d1w55a2</a>	Alignment	not modelled	8.4	14	<b>Fold:</b> Bacillus chorismate mutase-like <b>Superfamily:</b> lpsF-like <b>Family:</b> lpsF-like
82	<a href="#">d1ooha</a>	Alignment	not modelled	8.3	11	<b>Fold:</b> EF Hand-like <b>Superfamily:</b> Insect pheromone/odorant-binding proteins <b>Family:</b> Insect pheromone/odorant-binding proteins
83	<a href="#">c2qnwA</a>	Alignment	not modelled	8.3	22	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> acyl carrier protein; <b>PDBTitle:</b> toxoplasma gondii apicoplast-targeted acyl carrier protein
84	<a href="#">d2cu3a1</a>	Alignment	not modelled	8.1	3	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> MoAD/ThiS <b>Family:</b> ThiS
85	<a href="#">c1tygG</a>	Alignment	not modelled	8.1	6	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> G: <b>PDB Molecule:</b> yjbs; <b>PDBTitle:</b> structure of the thiazole synthase/this complex
86	<a href="#">d1zpxw1</a>	Alignment	not modelled	7.9	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> TTP0101/SSO1404-like <b>Family:</b> TTP0101/SSO1404-like
87	<a href="#">d1iv3a</a>	Alignment	not modelled	7.8	14	<b>Fold:</b> Bacillus chorismate mutase-like <b>Superfamily:</b> lpsF-like <b>Family:</b> lpsF-like
88	<a href="#">c2d4gA</a>	Alignment	not modelled	7.7	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein bsu11850; <b>PDBTitle:</b> structure of yjcg protein, a putative 2'-5' rna ligase from2 bacillus subtilis
89	<a href="#">d1wpia1</a>	Alignment	not modelled	7.7	14	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> YKR049C-like
90	<a href="#">c2jnsA</a>	Alignment	not modelled	7.5	23	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> bromodomain-containing protein 4; <b>PDBTitle:</b> solution structure of the bromodomain-containing protein 42 et domain
91	<a href="#">d1m6ex</a>	Alignment	not modelled	7.4	13	<b>Fold:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Superfamily:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Family:</b> Salicylic acid carboxyl methyltransferase (SAMT)
92	<a href="#">d1my7a</a>	Alignment	not modelled	7.4	19	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> E set domains <b>Family:</b> NF-kappa-B/REL/DORSAL transcription factors, C-terminal domain
93	<a href="#">c3f0gA</a>	Alignment	not modelled	7.4	10	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 2-c-methyl-d-erythritol 2,4-cyclodiphosphate synthase; <b>PDBTitle:</b> co-crystal structure of 2c-methyl-d-erythritol 2,4-cyclodiphosphate2 synthase with cmp
94	<a href="#">d2v4jb2</a>	Alignment	not modelled	7.4	5	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like <b>Family:</b> DsrA/DsrB N-terminal-domain-like
95	<a href="#">c2fvfA</a>	Alignment	not modelled	7.2	13	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> acyl carrier protein; <b>PDBTitle:</b> structure of 10:0-acyl (protein with docked fatty acid)
96	<a href="#">c1vraA</a>	Alignment	not modelled	7.2	7	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> arginine biosynthesis bifunctional protein argj; <b>PDBTitle:</b> crystal structure of arginine biosynthesis bifunctional protein argj2 (10175521) from bacillus halodurans at 2.00 a resolution
97	<a href="#">d2jpqa1</a>	Alignment	not modelled	7.2	12	<b>Fold:</b> YejL-like <b>Superfamily:</b> YejL-like <b>Family:</b> YejL-like
98	<a href="#">d1oy3c</a>	Alignment	not modelled	7.2	19	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> E set domains <b>Family:</b> NF-kappa-B/REL/DORSAL transcription factors, C-terminal domain
99	<a href="#">d1hska2</a>	Alignment	not modelled	7.2	3	<b>Fold:</b> Uridine diphospho-N-Acetylenolpyruvylglucosamine reductase, MurB, C-terminal domain <b>Superfamily:</b> Uridine diphospho-N-Acetylenolpyruvylglucosamine reductase, MurB, C-terminal domain <b>Family:</b> Uridine diphospho-N-Acetylenolpyruvylglucosamine reductase, MurB, C-terminal domain