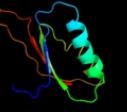
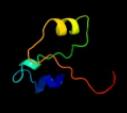
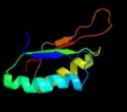
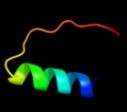


# Phyre<sup>2</sup>

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Description	P0A8B2
Date	Thu Jan 5 11:07:22 GMT 2012
Unique Job ID	6b6254e2faed7843

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3qd7X_</a>			100.0	21	<b>PDB header:</b> hydrolase <b>Chain:</b> X; <b>PDB Molecule:</b> uncharacterized protein ydal; <b>PDBTitle:</b> crystal structure of ydal, a stand-alone small muts-related protein2 from escherichia coli
2	<a href="#">c2zqeA_</a>			99.9	27	<b>PDB header:</b> dna binding protein <b>Chain:</b> A; <b>PDB Molecule:</b> muts2 protein; <b>PDBTitle:</b> crystal structure of the smr domain of thermus thermophilus muts2
3	<a href="#">d2d9ia1</a>			99.6	25	<b>Fold:</b> IF3-like <b>Superfamily:</b> SMR domain-like <b>Family:</b> Smr domain
4	<a href="#">c2vkca_</a>			99.5	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> nedd4-binding protein 2; <b>PDBTitle:</b> solution structure of the b3bp smr domain
5	<a href="#">c3no4A_</a>			52.8	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> creatinine amidohydrolase; <b>PDBTitle:</b> crystal structure of a creatinine amidohydrolase (pnun_f1913) from nostoc punctiforme pcc 73102 at 2.00 a resolution
6	<a href="#">d1jdqa_</a>			46.9	14	<b>Fold:</b> IF3-like <b>Superfamily:</b> SirA-like <b>Family:</b> SirA-like
7	<a href="#">c2q2ea_</a>			44.0	14	<b>PDB header:</b> isomerase <b>Chain:</b> A; <b>PDB Molecule:</b> type ii dna topoisomerase vi subunit a; <b>PDBTitle:</b> crystal structure of the topoisomerase vi holoenzyme from methanosaclera mazei
8	<a href="#">c3lubE_</a>			43.9	11	<b>PDB header:</b> hydrolase <b>Chain:</b> E; <b>PDB Molecule:</b> putative creatinine amidohydrolase; <b>PDBTitle:</b> crystal structure of putative creatinine amidohydrolase2 (yp_211512.1) from bacteroides fragilis nctc 9343 at 2.11 a3 resolution
9	<a href="#">d1dcja_</a>			41.8	15	<b>Fold:</b> IF3-like <b>Superfamily:</b> SirA-like <b>Family:</b> SirA-like
10	<a href="#">c2fmoA_</a>			39.3	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> 5,10-methylenetetrahydrofolate reductase; <b>PDBTitle:</b> ala177val mutant of e. coli methylenetetrahydrofolate reductase
11	<a href="#">d1d3ya_</a>			37.9	14	<b>Fold:</b> DNA topoisomerase IV, alpha subunit <b>Superfamily:</b> DNA topoisomerase IV, alpha subunit <b>Family:</b> DNA topoisomerase IV, alpha subunit

12	<a href="#">d1pyya2</a>			34.1	25	<b>Fold:</b> Penicillin-binding protein 2x (pbp-2x), c-terminal domain <b>Superfamily:</b> Penicillin-binding protein 2x (pbp-2x), c-terminal domain <b>Family:</b> Penicillin-binding protein 2x (pbp-2x), c-terminal domain
13	<a href="#">d2odka1</a>			32.5	18	<b>Fold:</b> YefM-like <b>Superfamily:</b> YefM-like <b>Family:</b> YefM-like
14	<a href="#">c2zbkA</a>			32.5	12	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> type ii dna topoisomerase vi subunit a; <b>PDBTitle:</b> crystal structure of an intact type ii dna topoisomerase:2 insights into dna transfer mechanisms
15	<a href="#">d1b5ta</a>			30.8	13	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> FAD-linked oxidoreductase <b>Family:</b> Methylenetetrahydrofolate reductase
16	<a href="#">c2odkD</a>			29.7	19	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> hypothetical protein; <b>PDBTitle:</b> putative prevent-host-death protein from nitrosomonas europaea
17	<a href="#">d1k25a2</a>			28.9	19	<b>Fold:</b> Penicillin-binding protein 2x (pbp-2x), c-terminal domain <b>Superfamily:</b> Penicillin-binding protein 2x (pbp-2x), c-terminal domain <b>Family:</b> Penicillin-binding protein 2x (pbp-2x), c-terminal domain
18	<a href="#">c3ouva</a>			28.3	25	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> serine/threonine protein kinase; <b>PDBTitle:</b> semet derivative of I512m mutant of pasta domain 3 of mycobacterium2 tuberculosis pknb
19	<a href="#">d1v7za</a>			26.6	16	<b>Fold:</b> Creatininase <b>Superfamily:</b> Creatininase <b>Family:</b> Creatininase
20	<a href="#">c3k5wA</a>			25.6	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> carbohydrate kinase; <b>PDBTitle:</b> crystal structure of a carbohydrate kinase (yjef family)from2 helicobacter pylori
21	<a href="#">c3eozb</a>		not modelled	25.1	12	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> putative phosphoglycerate mutase; <b>PDBTitle:</b> crystal structure of phosphoglycerate mutase from plasmodium2 falciparum, pfd0660w
22	<a href="#">d2c21a2</a>		not modelled	23.0	11	<b>Fold:</b> RING/U-box <b>Superfamily:</b> RING/U-box <b>Family:</b> U-box
23	<a href="#">d1rp5a2</a>		not modelled	22.5	29	<b>Fold:</b> Penicillin-binding protein 2x (pbp-2x), c-terminal domain <b>Superfamily:</b> Penicillin-binding protein 2x (pbp-2x), c-terminal domain <b>Family:</b> Penicillin-binding protein 2x (pbp-2x), c-terminal domain
24	<a href="#">c3cgxa</a>		not modelled	21.8	9	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative nucleotide-diphospho-sugar transferase; <b>PDBTitle:</b> crystal structure of putative nucleotide-diphospho-sugar transferase2 (yp_389115.1) from desulfovibrio desulfuricans g20 at 1.90 a3 resolution
25	<a href="#">c2q0xA</a>		not modelled	20.6	10	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> alpha/beta hydrolase fold protein of unknown function
26	<a href="#">d2a6qb1</a>		not modelled	18.7	17	<b>Fold:</b> YefM-like <b>Superfamily:</b> YefM-like <b>Family:</b> YefM-like
27	<a href="#">c3d3kD</a>		not modelled	18.5	11	<b>PDB header:</b> protein binding <b>Chain:</b> D: <b>PDB Molecule:</b> enhancer of mrna-decapping protein 3; <b>PDBTitle:</b> crystal structure of human edc3p
28	<a href="#">c3e0jF</a>		not modelled	18.0	26	<b>PDB header:</b> transferase <b>Chain:</b> F: <b>PDB Molecule:</b> dna polymerase subunit delta-3; <b>PDBTitle:</b> x-ray structure of the complex of regulatory subunits of2 human dna polymerase delta

29	<a href="#">c1x0IB</a>	Alignment	not modelled	16.9	6	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> homoisocitrate dehydrogenase; <b>PDBTitle:</b> crystal structure of tetrameric homoisocitrate dehydrogenase from an extreme thermophile, thermus thermophilus
30	<a href="#">d1v93a</a>	Alignment	not modelled	16.7	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> FAD-linked oxidoreductase <b>Family:</b> Methylenetetrahydrofolate reductase
31	<a href="#">c3g5oA</a>	Alignment	not modelled	14.9	17	<b>PDB header:</b> toxin/antitoxin <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein rv2865; <b>PDBTitle:</b> the crystal structure of the toxin-antitoxin complex relbe2 (rv2865-2 2866) from mycobacterium tuberculosis
32	<a href="#">d1g8fa3</a>	Alignment	not modelled	14.8	8	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> ATP sulfurylase C-terminal domain
33	<a href="#">c1tyoA</a>	Alignment	not modelled	14.0	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> isocitrate dehydrogenase; <b>PDBTitle:</b> isocitrate dehydrogenase from the hyperthermophile aeropyrum pernix in2 complex with etheno-nadp
34	<a href="#">c3hryA</a>	Alignment	not modelled	13.9	9	<b>PDB header:</b> antitoxin <b>Chain:</b> A: <b>PDB Molecule:</b> prevent host death protein; <b>PDBTitle:</b> crystal structure of phd in a trigonal space group and partially2 disordered
35	<a href="#">c3pzqA</a>	Alignment	not modelled	13.9	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> mannan endo-1,4-beta-mannosidase, glycosyl hydrolase family <b>PDBTitle:</b> structure of the hyperthermostable endo-1,4-beta-d-mannanase from2 thermotoga petrophila rku-1 with maltose and glycerol
36	<a href="#">d1pava</a>	Alignment	not modelled	13.6	12	<b>Fold:</b> IF3-like <b>Superfamily:</b> SirA-like <b>Family:</b> SirA-like
37	<a href="#">c2zc3F</a>	Alignment	not modelled	12.6	13	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> F: <b>PDB Molecule:</b> penicillin-binding protein 2x; <b>PDBTitle:</b> penicillin-binding protein 2x (pbp 2x) acyl-enzyme complex2 (biapenem) from streptococcus pneumoniae
38	<a href="#">c2g7zB</a>	Alignment	not modelled	12.5	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> conserved hypothetical protein spy1493; <b>PDBTitle:</b> conserved degv-like protein of unknown function from streptococcus2 pyogenes m1 gas binds long-chain fatty acids
39	<a href="#">c2kueA</a>	Alignment	not modelled	11.9	38	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> serine/threonine-protein kinase pknb; <b>PDBTitle:</b> nmr structure of the pasta domain 2 and 3 of mycobacterium2 tuberculosis of pknb
40	<a href="#">d2c0ha1</a>	Alignment	not modelled	11.9	16	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
41	<a href="#">c3odmE</a>	Alignment	not modelled	11.6	12	<b>PDB header:</b> lyase <b>Chain:</b> E: <b>PDB Molecule:</b> phosphoenolpyruvate carboxylase; <b>PDBTitle:</b> archaeal-type phosphoenolpyruvate carboxylase
42	<a href="#">c2ns6A</a>	Alignment	not modelled	11.3	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> mobilization protein a; <b>PDBTitle:</b> crystal structure of the minimal relaxase domain of moba2 from plasmid r1162
43	<a href="#">c2kudA</a>	Alignment	not modelled	11.2	25	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> serine/threonine-protein kinase pknb; <b>PDBTitle:</b> nmr structure of the pasta domain 1 and 2 of mycobacterium2 tuberculosis of pknb
44	<a href="#">d2obba1</a>	Alignment	not modelled	11.2	8	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> BT0820-like
45	<a href="#">c3icgD</a>	Alignment	not modelled	11.2	6	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> endoglucanase d; <b>PDBTitle:</b> crystal structure of the catalytic and carbohydrate binding domain of2 endoglucanase d from clostridium cellulovorans
46	<a href="#">d3pgma</a>	Alignment	not modelled	11.1	11	<b>Fold:</b> Phosphoglycerate mutase-like <b>Superfamily:</b> Phosphoglycerate mutase-like <b>Family:</b> Cofactor-dependent phosphoglycerate mutase
47	<a href="#">d2i5ea1</a>	Alignment	not modelled	11.0	11	<b>Fold:</b> Nucleotide-diphospho-sugar transferases <b>Superfamily:</b> Nucleotide-diphospho-sugar transferases <b>Family:</b> MM2497-like
48	<a href="#">c3fcyB</a>	Alignment	not modelled	10.6	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> xylan esterase 1; <b>PDBTitle:</b> crystal structure of acetyl xylan esterase 1 from2 thermoanaerobacterium sp. jw/sl ys485
49	<a href="#">c3u7vA</a>	Alignment	not modelled	10.5	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> the structure of a putative beta-galactosidase from caulobacter2 crescentus cb15.
50	<a href="#">c3lmaC</a>	Alignment	not modelled	10.4	12	<b>PDB header:</b> membrane protein <b>Chain:</b> C: <b>PDB Molecule:</b> stage v sporulation protein ad (spovad); <b>PDBTitle:</b> crystal structure of the stage v sporulation protein ad2 (spovad) from bacillus licheniformis. northeast structural3 genomics consortium target bir6.
51	<a href="#">c2f42A</a>	Alignment	not modelled	10.4	13	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> stip1 homology and u-box containing protein 1; <b>PDBTitle:</b> dimerization and u-box domains of zebrafish c-terminal of hsp702 interacting protein
52	<a href="#">d2vo9a1</a>	Alignment	not modelled	10.0	19	<b>Fold:</b> Hedgehog/DD-peptidase <b>Superfamily:</b> Hedgehog/DD-peptidase <b>Family:</b> VanY-like
53	<a href="#">c3hs2H</a>	Alignment	not modelled	9.9	9	<b>PDB header:</b> antitoxin <b>Chain:</b> H: <b>PDB Molecule:</b> prevent host death protein; <b>PDBTitle:</b> crystal structure of phd truncated to residue 57 in an

						orthorhombic2 space group
54	<a href="#">c3ir3B_</a>	Alignment	not modelled	9.6	17	<b>PDB header:</b> lyase <b>Chain:</b> B; <b>PDB Molecule:</b> 3-hydroxyacyl-thioester dehydratase 2; <b>PDBTitle:</b> crystal structure of human 3-hydroxyacyl-thioester dehydratase 22 (htd2)
55	<a href="#">c3l80A_</a>	Alignment	not modelled	9.5	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> putative uncharacterized protein smu.1393c; <b>PDBTitle:</b> crystal structure of smu.1393c from streptococcus mutans ua159
56	<a href="#">d1ceoa_</a>	Alignment	not modelled	9.3	11	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
57	<a href="#">c3ndyA_</a>	Alignment	not modelled	9.3	4	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> endoglucanase d; <b>PDBTitle:</b> the structure of the catalytic and carbohydrate binding domain of2 endoglucanase d from clostridium cellulovorans
58	<a href="#">d1u7pa_</a>	Alignment	not modelled	9.3	23	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> Magnesium-dependent phosphatase-1, Mdp1
59	<a href="#">c2qniA_</a>	Alignment	not modelled	9.2	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> uncharacterized protein atu0299; <b>PDBTitle:</b> crystal structure of uncharacterized protein atu0299
60	<a href="#">d1qhfa_</a>	Alignment	not modelled	9.1	14	<b>Fold:</b> Phosphoglycerate mutase-like <b>Superfamily:</b> Phosphoglycerate mutase-like <b>Family:</b> Cofactor-dependent phosphoglycerate mutase
61	<a href="#">d1vija_</a>	Alignment	not modelled	9.1	7	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
62	<a href="#">c1cirA_</a>	Alignment	not modelled	9.0	29	<b>PDB header:</b> serine protease inhibitor <b>Chain:</b> A; <b>PDB Molecule:</b> chymotrypsin inhibitor 2; <b>PDBTitle:</b> complex of two fragments of ci2 [(1-40)(dot)(41-64)]
63	<a href="#">d1gs5a_</a>	Alignment	not modelled	8.9	24	<b>Fold:</b> Carbamate kinase-like <b>Superfamily:</b> Carbamate kinase-like <b>Family:</b> N-acetyl-l-glutamate kinase
64	<a href="#">d1riia_</a>	Alignment	not modelled	8.9	14	<b>Fold:</b> Phosphoglycerate mutase-like <b>Superfamily:</b> Phosphoglycerate mutase-like <b>Family:</b> Cofactor-dependent phosphoglycerate mutase
65	<a href="#">c2y9xG_</a>	Alignment	not modelled	8.7	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G; <b>PDB Molecule:</b> lectin-like fold protein; <b>PDBTitle:</b> crystal structure of ppo3, a tyrosinase from agaricus bisporus, in2 deoxy-form that contains additional unknown lectin-like subunit,3 with inhibitor tropolone
66	<a href="#">c3fpvC_</a>	Alignment	not modelled	8.6	17	<b>PDB header:</b> heme binding protein <b>Chain:</b> C; <b>PDB Molecule:</b> extracellular haem-binding protein; <b>PDBTitle:</b> crystal structure of hbps
67	<a href="#">d1yh5a1</a>	Alignment	not modelled	8.6	19	<b>Fold:</b> YggU-like <b>Superfamily:</b> YggU-like <b>Family:</b> YggU-like
68	<a href="#">c2xt0A_</a>	Alignment	not modelled	8.5	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> haloalkane dehalogenase; <b>PDBTitle:</b> dehalogenase dppa from plesiocystis pacifica sir-i
69	<a href="#">c3hz7A_</a>	Alignment	not modelled	8.5	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of the sira-like protein (dsy4693) from2 desulfitobacterium hafniense, northeast structural genomics3 consortium target dhr2a
70	<a href="#">d1hkha_</a>	Alignment	not modelled	8.4	28	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Haloperoxidase
71	<a href="#">d2csba1</a>	Alignment	not modelled	8.3	28	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> RuvA domain 2-like <b>Family:</b> Topoisomerase V repeat domain
72	<a href="#">d2iw0a1</a>	Alignment	not modelled	8.3	13	<b>Fold:</b> 7-stranded beta/alpha barrel <b>Superfamily:</b> Glycoside hydrolase/deacetylase <b>Family:</b> NodB-like polysaccharide deacetylase
73	<a href="#">c2c2ID_</a>	Alignment	not modelled	8.1	11	<b>PDB header:</b> chaperone <b>Chain:</b> D; <b>PDB Molecule:</b> carboxy terminus of hsp70-interacting protein; <b>PDBTitle:</b> crystal structure of the chip u-box e3 ubiquitin ligase
74	<a href="#">d1uf3a_</a>	Alignment	not modelled	8.0	11	<b>Fold:</b> Metallo-dependent phosphatases <b>Superfamily:</b> Metallo-dependent phosphatases <b>Family:</b> TT1561-like
75	<a href="#">c3II4B_</a>	Alignment	not modelled	7.9	19	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> uncharacterized protein ykr043c; <b>PDBTitle:</b> structure of the h13a mutant of ykr043c in complex with fructose-1,6-2 bisphosphate
76	<a href="#">d2g5gx1</a>	Alignment	not modelled	7.7	19	<b>Fold:</b> EreA/ChaN-like <b>Superfamily:</b> EreA/ChaN-like <b>Family:</b> ChaN-like
77	<a href="#">d2a2la1</a>	Alignment	not modelled	7.7	17	<b>Fold:</b> Profilin-like <b>Superfamily:</b> GlcG-like <b>Family:</b> GlcG-like
78	<a href="#">d1xpja_</a>	Alignment	not modelled	7.6	10	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> Hypothetical protein VC0232
79	<a href="#">c3i31A_</a>	Alignment	not modelled	7.6	10	<b>PDB header:</b> rna binding protein,hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> heat resistant rna dependent atpase; <b>PDBTitle:</b> hera helicase rna binding domain is an rrm fold <b>PDB header:</b> isomerase

80	<a href="#">c2vx2D</a>	Alignment	not modelled	7.6	10	<b>Chain:</b> D: <b>PDB Molecule:</b> enoyl-coa hydratase domain-containing protein 3; <b>PDBTitle:</b> crystal structure of human enoyl coenzyme a hydratase2 domain-containing protein 3 (echdc3)
81	<a href="#">c3fdjA</a>	Alignment	not modelled	7.5	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> degv family protein; <b>PDBTitle:</b> the structure of a degv family protein from eubacterium eligens.
82	<a href="#">c1yjxD</a>	Alignment	not modelled	7.5	12	<b>PDB header:</b> isomerase, hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> phosphoglycerate mutase 1; <b>PDBTitle:</b> crystal structure of human b type phosphoglycerate mutase
83	<a href="#">c3lupA</a>	Alignment	not modelled	7.5	15	<b>PDB header:</b> structure genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> degv family protein; <b>PDBTitle:</b> crystal structure of fatty acid binding degv family protein sag13422 from streptococcus agalactiae
84	<a href="#">d2bi0a1</a>	Alignment	not modelled	7.4	20	<b>Fold:</b> Thioesterase/thiol ester dehydrase-isomerase <b>Superfamily:</b> Thioesterase/thiol ester dehydrase-isomerase <b>Family:</b> MaoC-like
85	<a href="#">c3mmwB</a>	Alignment	not modelled	7.4	13	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> endoglucanase; <b>PDBTitle:</b> crystal structure of endoglucanase cel5a from the hyperthermophilic2 thermotoga maritima
86	<a href="#">c3d40A</a>	Alignment	not modelled	7.3	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> foma protein; <b>PDBTitle:</b> crystal structure of fosfomycin resistance kinase foma from streptomyces wedmorensis complexed with diphosphate
87	<a href="#">d2pb1a1</a>	Alignment	not modelled	7.1	20	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
88	<a href="#">d2ax3a2</a>	Alignment	not modelled	7.1	13	<b>Fold:</b> YjeF N-terminal domain-like <b>Superfamily:</b> YjeF N-terminal domain-like <b>Family:</b> YjeF N-terminal domain-like
89	<a href="#">d1r57a</a>	Alignment	not modelled	7.1	14	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
90	<a href="#">c3czcA</a>	Alignment	not modelled	7.0	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> rmpb; <b>PDBTitle:</b> the crystal structure of a putative pts iib(ptxb) from2 streptococcus mutans
91	<a href="#">c3l6wB</a>	Alignment	not modelled	7.0	26	<b>PDB header:</b> oxygen binding <b>Chain:</b> B: <b>PDB Molecule:</b> hemocyanin 1; <b>PDBTitle:</b> structure of the collar functional unit (kh1-h) of keyhole2 limpet hemocyanin
92	<a href="#">d1uuqa</a>	Alignment	not modelled	6.8	12	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
93	<a href="#">cluz4A</a>	Alignment	not modelled	6.8	12	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> man5a; <b>PDBTitle:</b> common inhibition of beta-glucosidase and beta-mannosidase2 by isofagomine lactam reflects different conformational3 intineraries for glucoside and mannose hydrolysis
94	<a href="#">d1e58a</a>	Alignment	not modelled	6.8	10	<b>Fold:</b> Phosphoglycerate mutase-like <b>Superfamily:</b> Phosphoglycerate mutase-like <b>Family:</b> Cofactor-dependent phosphoglycerate mutase
95	<a href="#">c1vkra</a>	Alignment	not modelled	6.6	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> mannitol-specific pts system enzyme iiabc components; <b>PDBTitle:</b> structure of iib domain of the mannitol-specific permease enzyme ii
96	<a href="#">d1vkra</a>	Alignment	not modelled	6.6	14	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Lactose/Celllobiose specific IIB subunit
97	<a href="#">d1wz8a1</a>	Alignment	not modelled	6.5	13	<b>Fold:</b> ClpP/crotonase <b>Superfamily:</b> ClpP/crotonase <b>Family:</b> Crotonase-like
98	<a href="#">c3t1iC</a>	Alignment	not modelled	6.5	16	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> double-strand break repair protein mre11a; <b>PDBTitle:</b> crystal structure of human mre11: understanding tumorigenic mutations
99	<a href="#">d2a6qa1</a>	Alignment	not modelled	6.4	17	<b>Fold:</b> YefM-like <b>Superfamily:</b> YefM-like <b>Family:</b> YefM-like