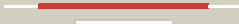



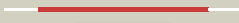






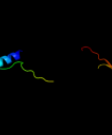



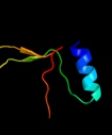








# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P09184
Date	Thu Jan 5 11:02:09 GMT 2012
Unique Job ID	ed2954e4940bdc36

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1cw0a_</a>	 Alignment		100.0	100	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Very short patch repair (VSR) endonuclease
2	<a href="#">d1vsra_</a>	 Alignment		100.0	100	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Very short patch repair (VSR) endonuclease
3	<a href="#">c3hrlA_</a>	 Alignment		99.9	22	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> endonuclease-like protein; <b>PDBTitle:</b> crystal structure of a putative endonuclease-like protein (ngo0050)2 from neisseria gonorrhoeae
4	<a href="#">c3fovA_</a>	 Alignment		84.3	25	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> upf0102 protein rpa0323; <b>PDBTitle:</b> crystal structure of protein rpa0323 of unknown function from2 rhodopseudomonas palustris
5	<a href="#">c2fqzC_</a>	 Alignment		82.7	26	<b>PDB header:</b> hydrolase/dna <b>Chain:</b> C: <b>PDB Molecule:</b> r.ecl18ki; <b>PDBTitle:</b> metal-depleted ecl18ki in complex with uncleaved dna
6	<a href="#">d1m0da_</a>	 Alignment		81.9	22	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Endonuclease I (Holliday junction resolvase)
7	<a href="#">d1na6a2</a>	 Alignment		60.3	26	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Type II restriction endonuclease catalytic domain
8	<a href="#">d1y88a2</a>	 Alignment		55.5	20	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> MRR-like
9	<a href="#">c3hxB_</a>	 Alignment		54.1	24	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> sugar hydrolase; <b>PDBTitle:</b> crystal structure of a sugar hydrolase (yeeb) from2 lactococcus lactis, northeast structural genomics3 consortium target kr108
10	<a href="#">d1uxoa_</a>	 Alignment		52.8	21	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> YdeN-like
11	<a href="#">d1gefa_</a>	 Alignment		47.5	21	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Hjc-like

12	<a href="#">c3o3nA_</a>	Alignment		45.3	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-subunit 2-hydroxyisocaproyl-coa dehydratase; <b>PDBTitle:</b> (r)-2-hydroxyisocaproyl-coa dehydratase in complex with its substrate2 (r)-2-hydroxyisocaproyl-coa
13	<a href="#">c3bm3A_</a>	Alignment		33.8	17	<b>PDB header:</b> hydrolase/dna <b>Chain:</b> A: <b>PDB Molecule:</b> pspgi restriction endonuclease; <b>PDBTitle:</b> restriction endonuclease pspgi-substrate dna complex
14	<a href="#">c2o2gA_</a>	Alignment		33.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> dienelactone hydrolase; <b>PDBTitle:</b> crystal structure of dienelactone hydrolase (yp_324580.1) from2 anabaena variabilis atcc 29413 at 1.92 a resolution
15	<a href="#">d1ff3c_</a>	Alignment		32.5	31	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
16	<a href="#">c1y88A_</a>	Alignment		30.0	21	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein af1548; <b>PDBTitle:</b> crystal structure of protein of unknown function af1548
17	<a href="#">d1hh1a_</a>	Alignment		29.7	28	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Hjc-like
18	<a href="#">c1fokA_</a>	Alignment		29.4	11	<b>PDB header:</b> hydrolase/dna <b>Chain:</b> A: <b>PDB Molecule:</b> protein (foki restriction endonucleas); <b>PDBTitle:</b> structure of restriction endonuclease foki bound to dna
19	<a href="#">c2j89A_</a>	Alignment		29.2	32	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> methionine sulfoxide reductase a; <b>PDBTitle:</b> functional and structural aspects of poplar cytosolic and2 plastidial type a methionine sulfoxide reductases
20	<a href="#">c2hihB_</a>	Alignment		29.0	21	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> lipase 46 kda form; <b>PDBTitle:</b> crystal structure of staphylococcus hyicus lipase
21	<a href="#">c3pilA_</a>	Alignment	not modelled	27.5	29	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase; <b>PDBTitle:</b> crystal structure of mxr1 from saccharomyces cerevisiae in reduced2 form
22	<a href="#">c2wj0B_</a>	Alignment	not modelled	27.0	25	<b>PDB header:</b> hydrolase/dna <b>Chain:</b> B: <b>PDB Molecule:</b> archaeal hjc; <b>PDBTitle:</b> crystal structures of holliday junction resolvases from2 archaeoglobus fulgidus bound to dna substrate
23	<a href="#">d1fvga_</a>	Alignment	not modelled	26.2	36	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
24	<a href="#">c3mn1B_</a>	Alignment	not modelled	24.4	24	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> probable yrbi family phosphatase; <b>PDBTitle:</b> crystal structure of probable yrbi family phosphatase from pseudomonas2 syringae pv.phaseolica 1448a
25	<a href="#">c1na6B_</a>	Alignment	not modelled	24.1	30	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> restriction endonuclease ecorii; <b>PDBTitle:</b> crystal structure of restriction endonuclease ecorii mutant2 r88a
26	<a href="#">c2gruA_</a>	Alignment	not modelled	22.4	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of an alpha/beta hydrolase superfamily protein from2 enterococcus faecalis
27	<a href="#">d2je8a5</a>	Alignment	not modelled	22.3	25	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
28	<a href="#">d2qlva1</a>	Alignment	not modelled	22.2	12	<b>Fold:</b> TBP-like <b>Superfamily:</b> KA1-like <b>Family:</b> Ssp2 C-terminal domain-like
						<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase

29	<a href="#">c3bqbA_</a>	Alignment	not modelled	21.2	42	<b>msra/msrb;</b> <b>PDBTitle:</b> structure of the central domain (msra) of neisseria meningitidis pilb2 (oxidized form)
30	<a href="#">d1ji3a_</a>	Alignment	not modelled	20.9	22	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Bacterial lipase
31	<a href="#">d2v8qa1</a>	Alignment	not modelled	19.1	7	<b>Fold:</b> TBP-like <b>Superfamily:</b> KA1-like <b>Family:</b> Ssp2 C-terminal domain-like
32	<a href="#">c1fvaA_</a>	Alignment	not modelled	18.3	36	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase; <b>PDBTitle:</b> crystal structure of bovine methionine sulfoxide reductase
33	<a href="#">d1ob8a_</a>	Alignment	not modelled	18.1	20	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Hjc-like
34	<a href="#">c2qjwA_</a>	Alignment	not modelled	17.9	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein xcc1541; <b>PDBTitle:</b> crystal structure of a putative hydrolase of the alpha/beta2 superfamily (xcc1541) from xanthomonas campestris pv. campestris at3 1.35 a resolution
35	<a href="#">c3ahhA_</a>	Alignment	not modelled	17.9	13	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> xylulose 5-phosphate/fructose 6-phosphate phosphoketolase; <b>PDBTitle:</b> h142a mutant of phosphoketolase from bifidobacterium breve complexed2 with acetyl thiamine diphosphate
36	<a href="#">d1ff3a_</a>	Alignment	not modelled	17.6	31	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
37	<a href="#">d1jg5a_</a>	Alignment	not modelled	17.5	40	<b>Fold:</b> GTP cyclohydrolase I feedback regulatory protein, GFRP <b>Superfamily:</b> GTP cyclohydrolase I feedback regulatory protein, GFRP <b>Family:</b> GTP cyclohydrolase I feedback regulatory protein, GFRP
38	<a href="#">c1nwaA_</a>	Alignment	not modelled	16.9	33	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase msra; <b>PDBTitle:</b> structure of mycobacterium tuberculosis methionine2 sulfoxide reductase a in complex with protein-bound3 methionine
39	<a href="#">d1nwaa_</a>	Alignment	not modelled	16.9	33	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
40	<a href="#">d2pbla1</a>	Alignment	not modelled	16.6	18	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Carboxylesterase
41	<a href="#">d2qrda1</a>	Alignment	not modelled	16.3	19	<b>Fold:</b> TBP-like <b>Superfamily:</b> KA1-like <b>Family:</b> Ssp2 C-terminal domain-like
42	<a href="#">c3gziB_</a>	Alignment	not modelled	15.0	24	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> polynuridine-aldehyde esterase; <b>PDBTitle:</b> crystal structure of polynuridine aldehyde esterase2 complexed with 16-epi-vellosimine
43	<a href="#">c3hl4B_</a>	Alignment	not modelled	14.7	23	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> choline-phosphate cytidyltransferase a; <b>PDBTitle:</b> crystal structure of a mammalian ctp:phosphocholine2 cytidyltransferase with cdp-choline
44	<a href="#">c3llcA_</a>	Alignment	not modelled	14.6	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative hydrolase; <b>PDBTitle:</b> crystal structure of putative hydrolase (yp_002548124.1) from2 agrobacterium vitis s4 at 1.80 a resolution
45	<a href="#">c3dqzB_</a>	Alignment	not modelled	14.4	23	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> alpha-hydroxynitrile lyase-like protein; <b>PDBTitle:</b> structure of the hydroxynitrile lyase from arabidopsis2 thaliana
46	<a href="#">d1rila_</a>	Alignment	not modelled	14.3	33	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Ribonuclease H-like <b>Family:</b> Ribonuclease H
47	<a href="#">c2p14A_</a>	Alignment	not modelled	14.1	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> heterodimeric restriction endonuclease r.bspd6i small <b>PDBTitle:</b> crystal structure of small subunit (r.bspd6i2) of the heterodimeric2 restriction endonuclease r.bspd6i
48	<a href="#">c2wtmC_</a>	Alignment	not modelled	13.3	27	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> est1e; <b>PDBTitle:</b> est1e from butyrivibrio proteoclasticus
49	<a href="#">c3ic8D_</a>	Alignment	not modelled	13.2	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> uncharacterized gst-like proteinprotein; <b>PDBTitle:</b> the crystal structure of a gst-like protein from pseudomonas syringae2 to 2.4a
50	<a href="#">c3bjrA_</a>	Alignment	not modelled	12.9	11	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative carboxylesterase; <b>PDBTitle:</b> crystal structure of a putative carboxylesterase (lp_1002) from2 lactobacillus plantarum wcfs1 at 2.09 a resolution
51	<a href="#">d1xkla_</a>	Alignment	not modelled	12.7	21	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Hydroxynitrile lyase-like
52	<a href="#">c2qipA_</a>	Alignment	not modelled	12.6	10	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> protein of unknown function vpa0982; <b>PDBTitle:</b> crystal structure of a protein of unknown function vpa0982 from vibrio2 parahaemolyticus rimd 2210633
53	<a href="#">c3ksrA_</a>	Alignment	not modelled	12.4	23	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative serine hydrolase; <b>PDBTitle:</b> crystal structure of a putative serine hydrolase (xcc3885) from2 xanthomonas campestris pv. campestris at 2.69 a resolution
54	<a href="#">c2je8B_</a>	Alignment	not modelled	11.3	23	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> beta-mannosidase; <b>PDBTitle:</b> structure of a beta-mannosidase from bacteroides2

					thetaitaomicron
55	<a href="#">d1r0va1</a>	Alignment	not modelled	11.1	13 <b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> tRNA-intron endonuclease catalytic domain-like <b>Family:</b> tRNA-intron endonuclease catalytic domain-like
56	<a href="#">d1h70a_</a>	Alignment	not modelled	10.5	19 <b>Fold:</b> Pentain, beta/alpha-propeller <b>Superfamily:</b> Pentain <b>Family:</b> Dimethylarginine dimethylaminohydrolase DDAH
57	<a href="#">c3elbA_</a>	Alignment	not modelled	10.3	17 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> ethanolamine-phosphate cytidyltransferase; <b>PDBTitle:</b> human ctp: phosphoethanolamine cytidyltransferase in complex with2 cmp
58	<a href="#">c2i3dA_</a>	Alignment	not modelled	10.3	15 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein atu1826; <b>PDBTitle:</b> crystal structure of protein of unknown function atu1826, a putative2 alpha/beta hydrolase from agrobacterium tumefaciens
59	<a href="#">d2i3da1</a>	Alignment	not modelled	10.3	15 <b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Atu1826-like
60	<a href="#">c3n07B_</a>	Alignment	not modelled	10.2	21 <b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> 3-deoxy-d-manno-octulosonate 8-phosphate phosphatase; <b>PDBTitle:</b> structure of putative 3-deoxy-d-manno-octulosonate 8-phosphate2 phosphatase from vibrio cholerae
61	<a href="#">d1z9ha2</a>	Alignment	not modelled	10.1	13 <b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
62	<a href="#">d2fuka1</a>	Alignment	not modelled	10.0	19 <b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Atu1826-like
63	<a href="#">d1vjza_</a>	Alignment	not modelled	9.6	8 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
64	<a href="#">d2d5ua1</a>	Alignment	not modelled	9.5	14 <b>Fold:</b> PUG domain-like <b>Superfamily:</b> PUG domain-like <b>Family:</b> PUG domain
65	<a href="#">d1dina_</a>	Alignment	not modelled	9.5	17 <b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Dienelactone hydrolase
66	<a href="#">d1v2aa2</a>	Alignment	not modelled	9.5	7 <b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
67	<a href="#">d1jl2a_</a>	Alignment	not modelled	9.3	36 <b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Ribonuclease H-like <b>Family:</b> Ribonuclease H
68	<a href="#">d1gpla2</a>	Alignment	not modelled	9.3	10 <b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Pancreatic lipase, N-terminal domain
69	<a href="#">d1jl1a_</a>	Alignment	not modelled	8.9	36 <b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Ribonuclease H-like <b>Family:</b> Ribonuclease H
70	<a href="#">d1ufoa_</a>	Alignment	not modelled	8.8	22 <b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Hypothetical protein TT1662
71	<a href="#">c2omkB_</a>	Alignment	not modelled	8.7	15 <b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> hypothetical protein; <b>PDBTitle:</b> structure of the bacteroides thetaiotaomicron thiamin2 pyrophosphokinase
72	<a href="#">c2hb5A_</a>	Alignment	not modelled	8.7	13 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> reverse transcriptase/ribonuclease h; <b>PDBTitle:</b> crystal structure of the moloney murine leukemia virus2 rnase h domain
73	<a href="#">d2vzsa5</a>	Alignment	not modelled	8.3	10 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
74	<a href="#">c2jw1A_</a>	Alignment	not modelled	8.0	50 <b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> lipoprotein mxim; <b>PDBTitle:</b> structural characterization of the type iii pilotin-2 secretin interaction in shigella flexneri by nmr3 spectroscopy
75	<a href="#">c2qkkl_</a>	Alignment	not modelled	7.9	44 <b>PDB header:</b> hydrolase/dna/rna <b>Chain:</b> I: <b>PDB Molecule:</b> ribonuclease h1; <b>PDBTitle:</b> human rnase h catalytic domain mutant d210n in complex with2 14-mer rna/dna hybrid
76	<a href="#">d1zs8a2</a>	Alignment	not modelled	7.7	12 <b>Fold:</b> MHC antigen-recognition domain <b>Superfamily:</b> MHC antigen-recognition domain <b>Family:</b> MHC antigen-recognition domain
77	<a href="#">d1vmea1</a>	Alignment	not modelled	7.5	18 <b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
78	<a href="#">d2gvia1</a>	Alignment	not modelled	7.5	38 <b>Fold:</b> FwdE/GAPDH domain-like <b>Superfamily:</b> FwdE-like <b>Family:</b> FwdE-like
79	<a href="#">d1r7ha_</a>	Alignment	not modelled	7.5	23 <b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Thioltransferase
80	<a href="#">d1vkha_</a>	Alignment	not modelled	7.4	18 <b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Putative serine hydrolase Ydr428c
81	<a href="#">c2rniA_</a>	Alignment	not modelled	7.3	23 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> ribonuclease h;

81	<a href="#">c2lp1A</a>	Alignment	not modelled	7.3	33	<b>PDBTitle:</b> the nmr structure of the submillisecond folding2 intermediate of the thermus thermophilus ribonuclease h <b>PDB header:</b> hydrolase
82	<a href="#">c1qgeD</a>	Alignment	not modelled	7.1	46	<b>Chain:</b> D: <b>PDB Molecule:</b> protein (triacylglycerol hydrolase); <b>PDBTitle:</b> new crystal form of pseudomonas glumae (formerly chromobacterium2 viscosum atcc 6918) lipase
83	<a href="#">d1qzua</a>	Alignment	not modelled	6.9	25	<b>Fold:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Superfamily:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Family:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD
84	<a href="#">c3e0mB</a>	Alignment	not modelled	6.9	33	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase msra/msrb <b>PDBTitle:</b> crystal structure of fusion protein of msra and msrb
85	<a href="#">c1fuiB</a>	Alignment	not modelled	6.8	12	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> l-fucose isomerase; <b>PDBTitle:</b> l-fucose isomerase from escherichia coli
86	<a href="#">d2glza1</a>	Alignment	not modelled	6.6	38	<b>Fold:</b> FwdE/GAPDH domain-like <b>Superfamily:</b> FwdE-like <b>Family:</b> FwdE-like
87	<a href="#">d1g5qa</a>	Alignment	not modelled	6.1	18	<b>Fold:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Superfamily:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Family:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD
88	<a href="#">c2ykcC</a>	Alignment	not modelled	6.0	19	<b>PDB header:</b> rna-binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> line-1 orf1p; <b>PDBTitle:</b> structure of the human line-1 orf1p trimer
89	<a href="#">c2gviA</a>	Alignment	not modelled	5.9	38	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> conserved hypothetical protein; <b>PDBTitle:</b> crystal structure of a putative formylmethanofuran dehydrogenase2 subunit e (ta1109) from thermoplasma acidophilum at 1.87 a resolution
90	<a href="#">c3hstD</a>	Alignment	not modelled	5.8	30	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> protein rv2228c/mt2287; <b>PDBTitle:</b> n-terminal rnase h domain of rv2228c from mycobacterium tuberculosis2 as a fusion protein with maltose binding protein
91	<a href="#">d1pn9a2</a>	Alignment	not modelled	5.8	9	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione S-transferase (GST), N-terminal domain
92	<a href="#">c3ihkC</a>	Alignment	not modelled	5.8	22	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> thiamin pyrophosphokinase; <b>PDBTitle:</b> crystal structure of thiamin pyrophosphokinase from2 s.mutans, northeast structural genomics consortium target3 smr83
93	<a href="#">d1whza</a>	Alignment	not modelled	5.7	19	<b>Fold:</b> dsRBD-like <b>Superfamily:</b> YcfA/nrd intein domain <b>Family:</b> YcfA-like
94	<a href="#">d1e89a</a>	Alignment	not modelled	5.7	21	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Hydroxynitrile lyase-like
95	<a href="#">c3rqra</a>	Alignment	not modelled	5.6	22	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> ryanodine receptor 1; <b>PDBTitle:</b> crystal structure of the ryr domain of the rabbit ryanodine receptor
96	<a href="#">c3uoaB</a>	Alignment	not modelled	5.5	15	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> B: <b>PDB Molecule:</b> mucosa-associated lymphoid tissue lymphoma translocation <b>PDBTitle:</b> crystal structure of the malt1 paracaspase (p21 form)
97	<a href="#">d2c2la2</a>	Alignment	not modelled	5.4	18	<b>Fold:</b> RING/U-box <b>Superfamily:</b> RING/U-box <b>Family:</b> U-box
98	<a href="#">c1pq1B</a>	Alignment	not modelled	5.3	38	<b>PDB header:</b> apoptosis <b>Chain:</b> B: <b>PDB Molecule:</b> bcl2-like protein 11; <b>PDBTitle:</b> crystal structure of bcl-xl/bim
99	<a href="#">d1cuka1</a>	Alignment	not modelled	5.3	19	<b>Fold:</b> RuvA C-terminal domain-like <b>Superfamily:</b> DNA helicase RuvA subunit, C-terminal domain <b>Family:</b> DNA helicase RuvA subunit, C-terminal domain