



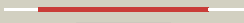




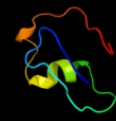





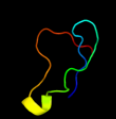

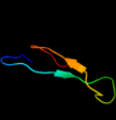







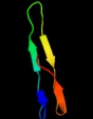

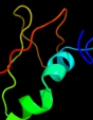





# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P75883
Date	Thu Jan 5 12:15:35 GMT 2012
Unique Job ID	ad0e34a9618c3b7f

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3p42D_</a>	 Alignment		100.0	97	<b>PDB header:</b> unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> predicted protein; <b>PDBTitle:</b> structure of gfcc (ymcb), protein encoded by the e. coli group 42 capsule operon
2	<a href="#">c2j58G_</a>	 Alignment		99.8	18	<b>PDB header:</b> membrane protein <b>Chain:</b> G: <b>PDB Molecule:</b> outer membrane lipoprotein wza; <b>PDBTitle:</b> the structure of wza
3	<a href="#">c2w8iG_</a>	 Alignment		99.8	19	<b>PDB header:</b> membrane protein <b>Chain:</b> G: <b>PDB Molecule:</b> putative outer membrane lipoprotein wza; <b>PDBTitle:</b> crystal structure of wza24-345.
4	<a href="#">d2fug13</a>	 Alignment		81.9	16	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> Nqo1 middle domain-like <b>Family:</b> Nqo1 middle domain-like
5	<a href="#">c2fugA_</a>	 Alignment		75.5	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> nadh-quinone oxidoreductase chain 1; <b>PDBTitle:</b> crystal structure of the hydrophilic domain of respiratory complex i2 from thermus thermophilus
6	<a href="#">c3ibmB_</a>	 Alignment		56.1	25	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> cupin 2, conserved barrel domain protein; <b>PDBTitle:</b> crystal structure of cupin 2 domain-containing protein hha1_0468 from2 halorhodospira halophila
7	<a href="#">c2vldA_</a>	 Alignment		52.1	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> upf0286 protein pyrab01260; <b>PDBTitle:</b> crystal structure of a repair endonuclease from pyrococcus2 abyssi
8	<a href="#">c3ixzA_</a>	 Alignment		51.7	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> potassium-transporting atpase alpha; <b>PDBTitle:</b> pig gastric h+/k+-atpase complexed with aluminium fluoride
9	<a href="#">d1lr5a_</a>	 Alignment		51.7	12	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
10	<a href="#">c3s7eB_</a>	 Alignment		49.5	19	<b>PDB header:</b> allergen <b>Chain:</b> B: <b>PDB Molecule:</b> allergen ara h 1, clone p41b; <b>PDBTitle:</b> crystal structure of ara h 1
11	<a href="#">d1uika2</a>	 Alignment		48.7	9	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein

12	<a href="#">c3b8eC_</a>	Alignment		48.1	21	<b>PDB header:</b> hydrolase/transport protein <b>Chain:</b> C: <b>PDB Molecule:</b> sodium/potassium-transporting atpase subunit <b>PDBTitle:</b> crystal structure of the sodium-potassium pump
13	<a href="#">d1uika1</a>	Alignment		47.9	6	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
14	<a href="#">c1cauB_</a>	Alignment		47.8	12	<b>PDB header:</b> seed storage protein <b>Chain:</b> B: <b>PDB Molecule:</b> canavalin; <b>PDBTitle:</b> determination of three crystal structures of canavalin by molecular2 replacement
15	<a href="#">d1uija1</a>	Alignment		47.5	9	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
16	<a href="#">c2cauA_</a>	Alignment		46.7	6	<b>PDB header:</b> plant protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein (canavalin); <b>PDBTitle:</b> canavalin from jack bean
17	<a href="#">d1rwsa_</a>	Alignment		46.0	22	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> MoaD/ThiS <b>Family:</b> ThiS
18	<a href="#">d2d40a1</a>	Alignment		44.8	10	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Gentisate 1,2-dioxygenase-like
19	<a href="#">c3jzvA_</a>	Alignment		44.6	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein rru_a2000; <b>PDBTitle:</b> crystal structure of rru_a2000 from rhodospirillum rubrum: a cupin-22 domain.
20	<a href="#">d1fxza2</a>	Alignment		43.5	12	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
21	<a href="#">d3bu7a1</a>	Alignment	not modelled	43.1	14	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Gentisate 1,2-dioxygenase-like
22	<a href="#">c3bu7A_</a>	Alignment	not modelled	43.1	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> gentisate 1,2-dioxygenase; <b>PDBTitle:</b> crystal structure and biochemical characterization of gdosp_2 a gentisate 1,2-dioxygenase from silicibacter pomeroyi
23	<a href="#">c3c3vA_</a>	Alignment	not modelled	43.1	11	<b>PDB header:</b> allergen <b>Chain:</b> A: <b>PDB Molecule:</b> arachin arah3 isoform; <b>PDBTitle:</b> crystal structure of peanut major allergen ara h 3
24	<a href="#">c3rfuC_</a>	Alignment	not modelled	42.9	13	<b>PDB header:</b> hydrolase, membrane protein <b>Chain:</b> C: <b>PDB Molecule:</b> copper efflux atpase; <b>PDBTitle:</b> crystal structure of a copper-transporting pib-type atpase
25	<a href="#">d1uija2</a>	Alignment	not modelled	42.5	3	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
26	<a href="#">d1od5a2</a>	Alignment	not modelled	41.5	18	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
27	<a href="#">d1dgja2</a>	Alignment	not modelled	41.5	24	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> 2Fe-2S ferredoxin-like <b>Family:</b> 2Fe-2S ferredoxin domains from multidomain proteins
28	<a href="#">d1dgwa_</a>	Alignment	not modelled	41.2	13	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
29	<a href="#">c3phbC_</a>	Alignment	not modelled	38.9	18	<b>PDB header:</b> plant protein <b>Chain:</b> C: <b>PDB Molecule:</b> prunin;

29	<a href="#">c2enkc_</a>	Alignment	not modelled	38.9	10	<b>PDBTitle:</b> crystal structure of pru du amandin, an allergenic protein2 from prunus dulcis
30	<a href="#">d1j58a_</a>	Alignment	not modelled	38.8	12	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
31	<a href="#">c1fxzC_</a>	Alignment	not modelled	37.6	11	<b>PDB header:</b> plant protein <b>Chain:</b> C: <b>PDB Molecule:</b> glycinin g1; <b>PDBTitle:</b> crystal structure of soybean proglycinin a1ab1b homotrimer
32	<a href="#">c2oa2A_</a>	Alignment	not modelled	37.2	9	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> bh2720 protein; <b>PDBTitle:</b> crystal structure of bh2720 (10175341) from bacillus halodurans at2 1.41 a resolution
33	<a href="#">c2dgyA_</a>	Alignment	not modelled	36.1	22	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> mgc11102 protein; <b>PDBTitle:</b> solution structure of the eukaryotic initiation factor 1a2 in mgc11102 protein
34	<a href="#">c2zxeA_</a>	Alignment	not modelled	36.0	18	<b>PDB header:</b> hydrolase/transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> na, k-atpase alpha subunit; <b>PDBTitle:</b> crystal structure of the sodium - potassium pump in the e2.2k+ .pi2 state
35	<a href="#">c3kgIB_</a>	Alignment	not modelled	35.6	14	<b>PDB header:</b> plant protein <b>Chain:</b> B: <b>PDB Molecule:</b> cruciferin; <b>PDBTitle:</b> crystal structure of procruciferin, 11s globulin from2 brassica napus
36	<a href="#">d2phla2</a>	Alignment	not modelled	35.6	9	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
37	<a href="#">c2hc8A_</a>	Alignment	not modelled	35.3	24	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> cation-transporting atpase, p-type; <b>PDBTitle:</b> structure of the a. fulgidus copa a-domain
38	<a href="#">c2e9qA_</a>	Alignment	not modelled	35.0	12	<b>PDB header:</b> plant protein <b>Chain:</b> A: <b>PDB Molecule:</b> 11s globulin subunit beta; <b>PDBTitle:</b> recombinant pro-11s globulin of pumpkin
39	<a href="#">c3kscD_</a>	Alignment	not modelled	34.8	12	<b>PDB header:</b> plant protein <b>Chain:</b> D: <b>PDB Molecule:</b> lega class; <b>PDBTitle:</b> crystal structure of pea prolegumin, an 11s seed globulin2 from pisum sativum l.
40	<a href="#">d2phda1</a>	Alignment	not modelled	34.8	18	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Gentisate 1,2-dioxygenase-like
41	<a href="#">c3k2oB_</a>	Alignment	not modelled	34.7	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> bifunctional arginine demethylase and lysyl-hydroxylase <b>PDBTitle:</b> structure of an oxygenase
42	<a href="#">c2d40C_</a>	Alignment	not modelled	34.6	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> putative gentisate 1,2-dioxygenase; <b>PDBTitle:</b> crystal structure of z3393 from escherichia coli o157:h7
43	<a href="#">c3uyjA_</a>	Alignment	not modelled	34.6	30	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> lysine-specific demethylase 8; <b>PDBTitle:</b> crystal structure of jmj d5 catalytic core domain in complex with2 nickle and alpha-kg
44	<a href="#">d2f4pa1</a>	Alignment	not modelled	34.1	14	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> TM1287-like
45	<a href="#">c3kd4A_</a>	Alignment	not modelled	33.9	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative protease; <b>PDBTitle:</b> crystal structure of a putative protease (bdi_1141) from2 parabacteroides distasonis atcc 8503 at 2.00 a resolution
46	<a href="#">c2vpvA_</a>	Alignment	not modelled	33.4	25	<b>PDB header:</b> cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> protein mif2; <b>PDBTitle:</b> dimerization domain of mif2p
47	<a href="#">c3qacA_</a>	Alignment	not modelled	33.3	9	<b>PDB header:</b> plant protein <b>Chain:</b> A: <b>PDB Molecule:</b> 11s globulin seed storage protein; <b>PDBTitle:</b> structure of amaranth 11s proglobulin seed storage protein from2 amaranthus hypochondriacus l.
48	<a href="#">c3kgzA_</a>	Alignment	not modelled	33.2	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> cupin 2 conserved barrel domain protein; <b>PDBTitle:</b> crystal structure of a cupin 2 conserved barrel domain protein from2 rhodopseudomonas palustris
49	<a href="#">c1uijA_</a>	Alignment	not modelled	32.0	3	<b>PDB header:</b> sugar binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> beta subunit of beta conglycinin; <b>PDBTitle:</b> crystal structure of soybean beta-conglycinin beta2 homotrimer (i122m/k124w)
50	<a href="#">c2xdvA_</a>	Alignment	not modelled	32.0	17	<b>PDB header:</b> nuclear protein <b>Chain:</b> A: <b>PDB Molecule:</b> myc-induced nuclear antigen; <b>PDBTitle:</b> crystal structure of the catalytic domain of flj14393
51	<a href="#">c2vqaC_</a>	Alignment	not modelled	31.3	12	<b>PDB header:</b> metal-binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> sll1358 protein; <b>PDBTitle:</b> protein-folding location can regulate mn versus cu- or zn-2 binding. crystal structure of mnca.
52	<a href="#">c3al6A_</a>	Alignment	not modelled	31.2	20	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> jmc domain-containing protein c2orf60; <b>PDBTitle:</b> crystal structure of human tyw5
53	<a href="#">c2q30C_</a>	Alignment	not modelled	31.2	28	<b>PDB header:</b> unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a rmlc-like cupin protein (dde_2303) from2 desulfovibrio desulfuricans subsp. at 1.94 a resolution
54	<a href="#">d1vj2a_</a>	Alignment	not modelled	31.0	7	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> TM1459-like
55	<a href="#">d1p9ka_</a>	Alignment	not modelled	29.5	8	<b>Fold:</b> Alpha-L RNA-binding motif <b>Superfamily:</b> Alpha-L RNA-binding motif <b>Family:</b> YbcJ-like

56	<a href="#">d2phla1</a>	Alignment	not modelled	28.9	9	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
57	<a href="#">d1vrba1</a>	Alignment	not modelled	28.6	40	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavamate synthase-like <b>Family:</b> Asparaginyl hydroxylase-like
58	<a href="#">c2eaaB</a>	Alignment	not modelled	28.5	6	<b>PDB header:</b> plant protein <b>Chain:</b> B: <b>PDB Molecule:</b> 7s globulin-3; <b>PDBTitle:</b> crystal structure of adzuki bean 7s globulin-3
59	<a href="#">c2r32A</a>	Alignment	not modelled	28.5	24	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> gcn4-pii/tumor necrosis factor ligand <b>PDBTitle:</b> crystal structure of human gitrl variant
60	<a href="#">c2i45C</a>	Alignment	not modelled	28.3	7	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> hypothetical protein; <b>PDBTitle:</b> crystal structure of protein nmb1881 from neisseria meningitidis
61	<a href="#">c3d82A</a>	Alignment	not modelled	27.6	7	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> cupin 2, conserved barrel domain protein; <b>PDBTitle:</b> crystal structure of a cupin-2 domain containing protein (sfri_3543)2 from shewanella frigidimarina ncimb 400 at 2.05 a resolution
62	<a href="#">c3h7yA</a>	Alignment	not modelled	27.2	21	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> bacilysin biosynthesis protein bacb; <b>PDBTitle:</b> crystal structure of bacb, an enzyme involved in bacilysin synthesis,2 in tetragonal form
63	<a href="#">d1juha</a>	Alignment	not modelled	27.2	14	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Quercetin 2,3-dioxygenase-like
64	<a href="#">d1y9qa2</a>	Alignment	not modelled	27.0	11	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Probable transcriptional regulator VC1968, C-terminal domain
65	<a href="#">d1fxza1</a>	Alignment	not modelled	26.6	12	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
66	<a href="#">c2pfwB</a>	Alignment	not modelled	25.5	14	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> cupin 2, conserved barrel domain protein; <b>PDBTitle:</b> crystal structure of a rmlc-like cupin (sfri_3105) from shewanella2 frigidimarina ncimb 400 at 1.90 a resolution
67	<a href="#">c3ht2A</a>	Alignment	not modelled	25.3	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> remf protein; <b>PDBTitle:</b> zink containing polyketide cyclase remf from streptomyces2 resistomycificus
68	<a href="#">c3cewA</a>	Alignment	not modelled	25.2	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized cupin protein; <b>PDBTitle:</b> crystal structure of a cupin protein (bf4112) from bacteroides2 fragilis. northeast structural genomics consortium target bfr205
69	<a href="#">c2kytA</a>	Alignment	not modelled	25.1	33	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> group xvi phospholipase a2; <b>PDBTitle:</b> solution struture of the h-rev107 n-terminal domain
70	<a href="#">d1yhfa1</a>	Alignment	not modelled	25.1	11	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> TM1287-like
71	<a href="#">c3fjsC</a>	Alignment	not modelled	25.0	25	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> C: <b>PDB Molecule:</b> uncharacterized protein with rmlc-like cupin fold; <b>PDBTitle:</b> crystal structure of a putative biosynthetic protein with rmlc-like2 cupin fold (reut_b4087) from ralstonia eutropha jmp134 at 1.90 a3 resolution
72	<a href="#">d1h2ka</a>	Alignment	not modelled	24.8	30	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavamate synthase-like <b>Family:</b> Hypoxia-inducible factor HIF inhibitor (FIH1)
73	<a href="#">d1sq4a</a>	Alignment	not modelled	24.4	14	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> YlbA-like
74	<a href="#">c3l2hD</a>	Alignment	not modelled	24.4	21	<b>PDB header:</b> isomerase <b>Chain:</b> D: <b>PDB Molecule:</b> putative sugar phosphate isomerase; <b>PDBTitle:</b> crystal structure of putative sugar phosphate isomerase (afe_0303)2 from acidithiobacillus ferrooxidans atcc 23270 at 1.85 a resolution
75	<a href="#">c3b8cB</a>	Alignment	not modelled	24.4	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> atpase 2, plasma membrane-type; <b>PDBTitle:</b> crystal structure of a plasma membrane proton pump
76	<a href="#">c2gu9B</a>	Alignment	not modelled	24.3	21	<b>PDB header:</b> immune system <b>Chain:</b> B: <b>PDB Molecule:</b> tetracenomycin polyketide synthesis protein; <b>PDBTitle:</b> crystal structure of xc5357 from xanthomonas campestris: a2 putative tetracenomycin polyketide synthesis protein3 adopting a novel cupin subfamily structure
77	<a href="#">d1rm6c2</a>	Alignment	not modelled	23.8	10	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> 2Fe-2S ferredoxin-like <b>Family:</b> 2Fe-2S ferredoxin domains from multidomain proteins
78	<a href="#">d1l5pa</a>	Alignment	not modelled	23.5	20	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> 2Fe-2S ferredoxin-like <b>Family:</b> 2Fe-2S ferredoxin-related
79	<a href="#">dliuea</a>	Alignment	not modelled	23.4	6	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> 2Fe-2S ferredoxin-like <b>Family:</b> 2Fe-2S ferredoxin-related
80	<a href="#">c3j08A</a>	Alignment	not modelled	23.4	24	<b>PDB header:</b> hydrolase, metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> copper-exporting p-type atpase a; <b>PDBTitle:</b> high resolution helical reconstruction of the bacterial p-

						type atpase2 copper transporter copa
81	<a href="#">d1t3qa2</a>	Alignment	not modelled	23.2	11	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> 2Fe-2S ferredoxin-like <b>Family:</b> 2Fe-2S ferredoxin domains from multidomain proteins
82	<a href="#">d2cu3a1</a>	Alignment	not modelled	23.2	15	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> MoaD/ThiS <b>Family:</b> ThiS
83	<a href="#">d1awda_</a>	Alignment	not modelled	22.7	16	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> 2Fe-2S ferredoxin-like <b>Family:</b> 2Fe-2S ferredoxin-related
84	<a href="#">c3h9iB_</a>	Alignment	not modelled	22.6	15	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> cation efflux system protein cusb; <b>PDBTitle:</b> crystal structure of the membrane fusion protein cusb from escherichia2 coli
85	<a href="#">d1v70a_</a>	Alignment	not modelled	22.3	14	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> TM1287-like
86	<a href="#">d1vlba2</a>	Alignment	not modelled	21.3	22	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> 2Fe-2S ferredoxin-like <b>Family:</b> 2Fe-2S ferredoxin domains from multidomain proteins
87	<a href="#">c3i7dB_</a>	Alignment	not modelled	21.2	18	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> sugar phosphate isomerase; <b>PDBTitle:</b> crystal structure of sugar phosphate isomerase from a cupin2 superfamily spo2919 from silicibacter pomeroyi (yp_168127.1) from3 silicibacter pomeroyi dss-3 at 2.30 a resolution
88	<a href="#">c3rnsA_</a>	Alignment	not modelled	20.9	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> cupin 2 conserved barrel domain protein; <b>PDBTitle:</b> cupin 2 conserved barrel domain protein from leptotrichia buccalis
89	<a href="#">d1sefa_</a>	Alignment	not modelled	20.8	14	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> YlbA-like
90	<a href="#">c1sefA_</a>	Alignment	not modelled	20.8	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> conserved hypothetical protein; <b>PDBTitle:</b> crystal structure of cupin domain protein ef2996 from enterococcus2 faecalis
91	<a href="#">d1rc6a_</a>	Alignment	not modelled	20.6	14	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> YlbA-like
92	<a href="#">c2yu1A_</a>	Alignment	not modelled	20.5	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> jmjC domain-containing histone demethylation protein 1a; <b>PDBTitle:</b> crystal structure of hjhdm1a complexed with a-ketoglutarate
93	<a href="#">c1t3qD_</a>	Alignment	not modelled	20.4	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> quinoline 2-oxidoreductase small subunit; <b>PDBTitle:</b> crystal structure of quinoline 2-oxidoreductase from pseudomonas2 putida 86
94	<a href="#">c3cwiA_</a>	Alignment	not modelled	19.8	12	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> thiamine-biosynthesis protein this; <b>PDBTitle:</b> crystal structure of thiamine biosynthesis protein (this)2 from geobacter metallireducens. northeast structural3 genomics consortium target gmr137
95	<a href="#">d1sfna_</a>	Alignment	not modelled	19.5	14	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> YlbA-like
96	<a href="#">c1mhsA_</a>	Alignment	not modelled	19.0	21	<b>PDB header:</b> membrane protein, proton transport <b>Chain:</b> A: <b>PDB Molecule:</b> plasma membrane atpase; <b>PDBTitle:</b> model of neurospora crassa proton atpase
97	<a href="#">c1z2mA_</a>	Alignment	not modelled	18.7	16	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> interferon, alpha-inducible protein (clone ifi- <b>PDBTitle:</b> crystal structure of isg15, the interferon-induced2 ubiquitin cross reactive protein
98	<a href="#">c3lwCA_</a>	Alignment	not modelled	18.1	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of structural genomics, unknown function2 (yp_766765.1) from rhizobium leguminosarum bv. viciae 3841 at 1.40 a3 resolution
99	<a href="#">d1od5a1</a>	Alignment	not modelled	18.0	13	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein