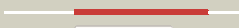
















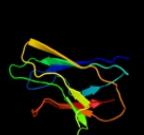

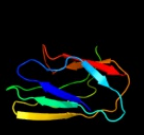


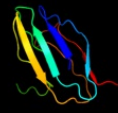

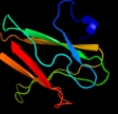


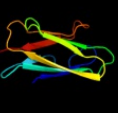





# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P0AB24
Date	Thu Jan 5 11:14:26 GMT 2012
Unique Job ID	1f686c97f59a85cb

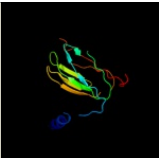
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3at7B_</a>	 Alignment		100.0	61	<b>PDB header:</b> structural protein <b>Chain:</b> B; <b>PDB Molecule:</b> alginate-binding flagellin; <b>PDBTitle:</b> crystal structure of bacterial cell-surface alginate-binding protein2 algp7
2	<a href="#">c3pf0A_</a>	 Alignment		100.0	17	<b>PDB header:</b> unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> imelysin-like protein; <b>PDBTitle:</b> crystal structure of an imelysin-like protein (psyc_1802) from2 psychrobacter arcticum 273-4 at 2.15 a resolution
3	<a href="#">c3n8uB_</a>	 Alignment		99.8	22	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> imelysin peptidase; <b>PDBTitle:</b> crystal structure of an imelysin peptidase (bacova_03801) from2 bacteroides ovatus at 1.44 a resolution
4	<a href="#">c2h47C_</a>	 Alignment		99.2	22	<b>PDB header:</b> oxidoreductase/electron transport <b>Chain:</b> C; <b>PDB Molecule:</b> azurin; <b>PDBTitle:</b> crystal structure of an electron transfer complex between2 aromatic amine dehydrogenase and azurin from alcaligenes3 faecalis (form 1)
5	<a href="#">d2ccwa1</a>	 Alignment		99.2	26	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
6	<a href="#">dljzga_</a>	 Alignment		99.1	24	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
7	<a href="#">dlcuoa_</a>	 Alignment		99.1	17	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
8	<a href="#">dljoia_</a>	 Alignment		99.1	20	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
9	<a href="#">dlnwpa_</a>	 Alignment		99.1	18	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
10	<a href="#">dlrkra_</a>	 Alignment		99.1	26	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
11	<a href="#">dlcc3a_</a>	 Alignment		99.0	22	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like

12	<a href="#">dlazca_</a>	Alignment		99.0	20	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
13	<a href="#">d2ov0a1</a>	Alignment		99.0	17	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
14	<a href="#">dlid2a_</a>	Alignment		99.0	22	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
15	<a href="#">c3c75B_</a>	Alignment		99.0	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> amicyanin; <b>PDBTitle:</b> paracoccus versutus methylamine dehydrogenase in complex2 with amicyanin
16	<a href="#">d2cuaa_</a>	Alignment		98.9	26	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Periplasmic domain of cytochrome c oxidase subunit II
17	<a href="#">dlqnia1</a>	Alignment		98.8	25	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Nitrosocyanin
18	<a href="#">c2aanA_</a>	Alignment		98.7	22	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> auracyanin a; <b>PDBTitle:</b> auracyanin a: a "blue" copper protein from the green thermophilic2 photosynthetic bacterium, chloroflexus aurantiacus
19	<a href="#">dlfwxa1</a>	Alignment		98.7	23	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Nitrosocyanin
20	<a href="#">dlqhqa_</a>	Alignment		98.7	19	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
21	<a href="#">dlbxua_</a>	Alignment	not modelled	98.6	23	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
22	<a href="#">d2cuab_</a>	Alignment	not modelled	98.6	23	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Periplasmic domain of cytochrome c oxidase subunit II
23	<a href="#">c1xmeB_</a>	Alignment	not modelled	98.5	26	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c oxidase polypeptide ii; <b>PDBTitle:</b> structure of recombinant cytochrome ba3 oxidase from thermus2 thermophilus
24	<a href="#">d2cj3a1</a>	Alignment	not modelled	98.5	21	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
25	<a href="#">dlibya_</a>	Alignment	not modelled	98.5	23	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Nitrosocyanin
26	<a href="#">dlpcsa_</a>	Alignment	not modelled	98.4	23	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
27	<a href="#">d2q5ba1</a>	Alignment	not modelled	98.3	23	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
28	<a href="#">d7pcya_</a>	Alignment	not modelled	98.3	22	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
29	<a href="#">d2plta_</a>	Alignment	not modelled	98.2	22	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins

					<b>Family:</b> Plastocyanin/azurin-like
30	<a href="#">d1plaa_</a>	Alignment	not modelled	98.2	23 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
31	<a href="#">c2iwbB_</a>	Alignment	not modelled	98.2	23 <b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nitrous oxide reductase; <b>PDBTitle:</b> inhibitor-bound form of nitrous oxide reductase from2 achromobacter cycloclastes at 1.7 angstrom resolution
32	<a href="#">d1paza_</a>	Alignment	not modelled	98.2	18 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
33	<a href="#">d2jxma1</a>	Alignment	not modelled	98.2	23 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
34	<a href="#">d9pcya_</a>	Alignment	not modelled	98.2	22 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
35	<a href="#">d1iuza_</a>	Alignment	not modelled	98.1	18 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
36	<a href="#">d1plca_</a>	Alignment	not modelled	98.1	20 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
37	<a href="#">c3sbrF_</a>	Alignment	not modelled	98.1	23 <b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> nitrous-oxide reductase; <b>PDBTitle:</b> pseudomonas stutzeri nitrous oxide reductase, p1 crystal form with2 substrate
38	<a href="#">d1ag6a_</a>	Alignment	not modelled	98.1	27 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
39	<a href="#">d1bypa_</a>	Alignment	not modelled	98.1	23 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
40	<a href="#">d1pmya_</a>	Alignment	not modelled	98.1	11 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
41	<a href="#">d1kdja_</a>	Alignment	not modelled	98.0	27 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
42	<a href="#">d1adwa_</a>	Alignment	not modelled	97.9	20 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
43	<a href="#">c3ef4A_</a>	Alignment	not modelled	97.8	21 <b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> blue copper protein; <b>PDBTitle:</b> crystal structure of native pseudoazurin from2 hyphomicrobium denitrificans
44	<a href="#">d1bqka_</a>	Alignment	not modelled	97.8	21 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
45	<a href="#">c1qniE_</a>	Alignment	not modelled	97.8	24 <b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> nitrous-oxide reductase; <b>PDBTitle:</b> crystal structure of nitrous oxide reductase from2 pseudomonas nautica, at 2.4a resolution
46	<a href="#">c1fwxB_</a>	Alignment	not modelled	97.6	23 <b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nitrous oxide reductase; <b>PDBTitle:</b> crystal structure of nitrous oxide reductase from p. denitrificans
47	<a href="#">d1fftb1</a>	Alignment	not modelled	96.9	18 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Periplasmic domain of cytochrome c oxidase subunit II
48	<a href="#">d1e30a_</a>	Alignment	not modelled	96.9	25 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Plastocyanin/azurin-like
49	<a href="#">d3ehbb1</a>	Alignment	not modelled	96.6	18 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Periplasmic domain of cytochrome c oxidase subunit II
50	<a href="#">c1cyxA_</a>	Alignment	not modelled	96.5	20 <b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> cyoa; <b>PDBTitle:</b> quinol oxidase (periplasmic fragment of subunit ii with2 engineered cu-a binding site)(cyoa)
51	<a href="#">d1cyxa_</a>	Alignment	not modelled	96.5	20 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Periplasmic domain of cytochrome c oxidase subunit II
52	<a href="#">d1v54b1</a>	Alignment	not modelled	96.5	12 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Periplasmic domain of cytochrome c oxidase subunit II
53	<a href="#">c1ar1B_</a>	Alignment	not modelled	96.2	18 <b>PDB header:</b> complex (oxidoreductase/antibody) <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c oxidase; <b>PDBTitle:</b> structure at 2.7 angstrom resolution of the paracoccus2 denitrificans two-subunit cytochrome c oxidase complexed3 with an antibody fv fragment
54	<a href="#">d3dtub1</a>	Alignment	not modelled	96.1	13 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Periplasmic domain of cytochrome c oxidase subunit II
55	<a href="#">d1sddb2</a>	Alignment	not modelled	95.9	6 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multi domain cupredoxins
56	<a href="#">c3gdcC_</a>	Alignment	not modelled	95.8	11 <b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> multicopper oxidase;

						<b>PDBTitle:</b> crystal structure of multicopper oxidase
57	<a href="#">c2dv6F_</a>	Alignment	not modelled	95.8	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> nitrite reductase; <b>PDBTitle:</b> crystal structure of nitrite reductase from hyphomicrobium2 denitrificans
58	<a href="#">d2j5wa2</a>	Alignment	not modelled	95.7	14	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
59	<a href="#">d1snra2</a>	Alignment	not modelled	95.6	18	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
60	<a href="#">c1v55B_</a>	Alignment	not modelled	95.6	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c oxidase polypeptide ii; <b>PDBTitle:</b> bovine heart cytochrome c oxidase at the fully reduced state
61	<a href="#">d1kcwa2</a>	Alignment	not modelled	95.3	15	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
62	<a href="#">c1m57H_</a>	Alignment	not modelled	95.2	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> H: <b>PDB Molecule:</b> cytochrome c oxidase; <b>PDBTitle:</b> structure of cytochrome c oxidase from rhodobacter2 sphaeroides (eq(i-286) mutant))
63	<a href="#">c1qlcB_</a>	Alignment	not modelled	95.2	18	<b>PDB header:</b> oxidoreductase/immune system <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c oxidase polypeptide ii; <b>PDBTitle:</b> cryo-structure of the paracoccus denitrificans four-subunit2 cytochrome c oxidase in the completely oxidized state3 complexed with an antibody fv fragment
64	<a href="#">d1kbva2</a>	Alignment	not modelled	95.1	18	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
65	<a href="#">c1kbwA_</a>	Alignment	not modelled	94.9	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> major outer membrane protein pan 1; <b>PDBTitle:</b> crystal structure of the soluble domain of ania from2 neisseria gonorrhoeae
66	<a href="#">c3isyA_</a>	Alignment	not modelled	94.8	9	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> intracellular proteinase inhibitor; <b>PDBTitle:</b> crystal structure of an intracellular proteinase inhibitor (ipi,2 bsu11130) from bacillus subtilis at 2.61 a resolution
67	<a href="#">c3cdzB_</a>	Alignment	not modelled	94.8	9	<b>PDB header:</b> blood clotting <b>Chain:</b> B: <b>PDB Molecule:</b> coagulation factor viii light chain; <b>PDBTitle:</b> crystal structure of human factor viii
68	<a href="#">d1nda2</a>	Alignment	not modelled	94.8	17	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
69	<a href="#">d1nqjb_</a>	Alignment	not modelled	94.4	13	<b>Fold:</b> CUB-like <b>Superfamily:</b> Collagen-binding domain <b>Family:</b> Collagen-binding domain
70	<a href="#">c1aq8B_</a>	Alignment	not modelled	94.4	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nitrite reductase; <b>PDBTitle:</b> structure of alcaligenes faecalis nitrite reductase reduced2 with ascorbate
71	<a href="#">c2x41A_</a>	Alignment	not modelled	94.3	27	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-glucosidase; <b>PDBTitle:</b> structure of beta-glucosidase 3b from thermotoga neapolitana2 in complex with glucose
72	<a href="#">d2bw4a2</a>	Alignment	not modelled	94.3	16	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
73	<a href="#">d2j5wa5</a>	Alignment	not modelled	94.1	13	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
74	<a href="#">d1snra1</a>	Alignment	not modelled	94.0	15	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
75	<a href="#">c1sddB_</a>	Alignment	not modelled	93.9	5	<b>PDB header:</b> blood clotting <b>Chain:</b> B: <b>PDB Molecule:</b> coagulation factor v; <b>PDBTitle:</b> crystal structure of bovine factor vai
76	<a href="#">d1w8oa1</a>	Alignment	not modelled	93.9	21	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> E set domains <b>Family:</b> E-set domains of sugar-utilizing enzymes
77	<a href="#">c1mzzC_</a>	Alignment	not modelled	93.8	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> copper-containing nitrite reductase; <b>PDBTitle:</b> crystal structure of mutant (m182t)of nitrite reductase
78	<a href="#">c3jqxA_</a>	Alignment	not modelled	93.4	15	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> colh protein; <b>PDBTitle:</b> crystal structure of clostridium histolyticum colh collagenase2 collagen binding domain 3 at 2.2 angstrom resolution in the presence3 of calcium and cadmium
79	<a href="#">c2r7eB_</a>	Alignment	not modelled	93.4	9	<b>PDB header:</b> blood clotting <b>Chain:</b> B: <b>PDB Molecule:</b> coagulation factor viii; <b>PDBTitle:</b> crystal structure analysis of coagulation factor viii
80	<a href="#">c3rgbA_</a>	Alignment	not modelled	92.7	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> methane monooxygenase subunit b2; <b>PDBTitle:</b> crystal structure of particulate methane monooxygenase from2 methylococcus capsulatus (bath)
81	<a href="#">c1yewl_</a>	Alignment	not modelled	92.7	24	<b>PDB header:</b> oxidoreductase, membrane protein <b>Chain:</b> I: <b>PDB Molecule:</b> particulate methane monooxygenase, b subunit; <b>PDBTitle:</b> crystal structure of particulate methane monooxygenase
82	<a href="#">c2zooA_</a>	Alignment	not modelled	92.6	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> probable nitrite reductase; <b>PDBTitle:</b> crystal structure of nitrite reductase from pseudoalteromonas2 halo planktis tac125

83	<a href="#">c1fftG_</a>	Alignment		92.5	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> ubiquinol oxidase; <b>PDBTitle:</b> the structure of ubiquinol oxidase from escherichia coli
84	<a href="#">d1oe1a1</a>	Alignment	not modelled	92.5	20	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
85	<a href="#">d1ndsA1</a>	Alignment	not modelled	92.4	15	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
86	<a href="#">c3g5wC_</a>	Alignment	not modelled	92.4	12	<b>PDB header:</b> metal binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> multicopper oxidase type 1; <b>PDBTitle:</b> crystal structure of blue copper oxidase from nitrosomonas europaea
87	<a href="#">d1v10a2</a>	Alignment	not modelled	92.3	20	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
88	<a href="#">d1mzya2</a>	Alignment	not modelled	92.1	17	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
89	<a href="#">d1kyaa2</a>	Alignment	not modelled	91.9	15	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
90	<a href="#">c2kl6A_</a>	Alignment	not modelled	91.8	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> solution nmr structure of the cardb domain of pf1109 from2 pyrococcus furiosus. northeast structural genomics3 consortium target pfr193a
91	<a href="#">d1kbva1</a>	Alignment	not modelled	91.8	22	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
92	<a href="#">d1aoza2</a>	Alignment	not modelled	91.7	19	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
93	<a href="#">c2xu9A_</a>	Alignment	not modelled	91.7	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> laccase; <b>PDBTitle:</b> crystal structure of laccase from thermus thermophilus hb27
94	<a href="#">d2bw4a1</a>	Alignment	not modelled	91.7	16	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
95	<a href="#">c3cg8B_</a>	Alignment	not modelled	91.7	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> laccase; <b>PDBTitle:</b> laccase from streptomyces coelicolor
96	<a href="#">d1mzya1</a>	Alignment	not modelled	91.4	16	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
97	<a href="#">d1gyca2</a>	Alignment	not modelled	91.2	19	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
98	<a href="#">c1v10A_</a>	Alignment	not modelled	91.2	21	<b>PDB header:</b> oxidase <b>Chain:</b> A: <b>PDB Molecule:</b> laccase; <b>PDBTitle:</b> structure of rigidoporus lignosus laccase from hemihedrally2 twinned crystals
99	<a href="#">d1hfua2</a>	Alignment	not modelled	91.2	24	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
100	<a href="#">c3kw8A_</a>	Alignment	not modelled	91.0	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative copper oxidase; <b>PDBTitle:</b> two-domain laccase from streptomyces coelicolor at 2.3 a resolution
101	<a href="#">c2zwnA_</a>	Alignment	not modelled	90.3	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> two-domain type laccase; <b>PDBTitle:</b> crystal structure of the novel two-domain type laccase from a2 metagenome
102	<a href="#">c1kcwA_</a>	Alignment	not modelled	89.9	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ceruloplasmin; <b>PDBTitle:</b> x-ray crystal structure of human ceruloplasmin at 3.0 angstroms
103	<a href="#">d1io1a_</a>	Alignment	not modelled	88.9	11	<b>Fold:</b> Phase 1 flagellin <b>Superfamily:</b> Phase 1 flagellin <b>Family:</b> Phase 1 flagellin
104	<a href="#">c2qsvA_</a>	Alignment	not modelled	88.6	26	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of protein of unknown function from porphyromonas2 gingivalis w83
105	<a href="#">c1gyca_</a>	Alignment	not modelled	88.3	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> laccase 2; <b>PDBTitle:</b> crystal structure determination at room temperature of a2 laccase from trametes versicolor in its oxidised form3 containing a full complement of copper ions
106	<a href="#">c1wa1X_</a>	Alignment	not modelled	88.0	19	<b>PDB header:</b> reductase <b>Chain:</b> X: <b>PDB Molecule:</b> dissimilatory copper-containing nitrite <b>PDBTitle:</b> crystal structure of h313q mutant of alcaligenes2 xylooxidans nitrite reductase
107	<a href="#">d1kv7a1</a>	Alignment	not modelled	87.7	21	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
						<b>PDB header:</b> oxidoreductase

108	<a href="#">c1of0A_</a>	Alignment	not modelled	87.5	20	<b>Chain:</b> A: <b>PDB Molecule:</b> spore coat protein a; <b>PDBTitle:</b> crystal structure of bacillus subtilis cota after 1h2 soaking with ebs
109	<a href="#">c2uxtA_</a>	Alignment	not modelled	87.5	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> protein sufi; <b>PDBTitle:</b> sufi protein from escherichia coli
110	<a href="#">d1yq2a1</a>	Alignment	not modelled	87.4	23	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> beta-Galactosidase/glucuronidase domain <b>Family:</b> beta-Galactosidase/glucuronidase domain
111	<a href="#">c3ac0B_</a>	Alignment	not modelled	86.5	20	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> beta-glucosidase i; <b>PDBTitle:</b> crystal structure of beta-glucosidase from kluyveromyces marxianus in2 complex with glucose
112	<a href="#">c2ys4A_</a>	Alignment	not modelled	84.3	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hydrocephalus-inducing protein homolog; <b>PDBTitle:</b> solution structure of the n-terminal papd-like domain of2 hydin protein from human
113	<a href="#">d1m1sa_</a>	Alignment	not modelled	83.2	20	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> PapD-like <b>Family:</b> MSP-like
114	<a href="#">c3payB_</a>	Alignment	not modelled	82.6	13	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> putative adhesin; <b>PDBTitle:</b> crystal structure of a putative adhesin (bacova_04077) from2 bacteroides ovatus at 2.50 a resolution
115	<a href="#">d1x9la_</a>	Alignment	not modelled	82.1	22	<b>Fold:</b> Common fold of diphtheria toxin/transcription factors/cytochrome f <b>Superfamily:</b> DR1885-like metal-binding protein <b>Family:</b> DR1885-like metal-binding protein
116	<a href="#">c3rfrl_</a>	Alignment	not modelled	81.8	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> I: <b>PDB Molecule:</b> pmob; <b>PDBTitle:</b> crystal structure of particulate methane monooxygenase (pmmo) from2 methylocystis sp. strain m
117	<a href="#">d1sdda1</a>	Alignment	not modelled	81.6	18	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multi domain cupredoxins
118	<a href="#">d1gska3</a>	Alignment	not modelled	81.5	21	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multi domain cupredoxins
119	<a href="#">c2q9oA_</a>	Alignment	not modelled	81.1	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> laccase-1; <b>PDBTitle:</b> near-atomic resolution structure of a melanocarpus albomyces laccase
120	<a href="#">c3qf8A_</a>	Alignment	not modelled	80.6	12	<b>PDB header:</b> carbohydrate binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative polysaccharide binding proteins (duf1812); <b>PDBTitle:</b> crystal structure of putative polysaccharide binding proteins2 (duf1812) (np_809975.1) from bacteroides thetaiotaomicron vpi-5482 at3 2.20 a resolution