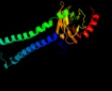
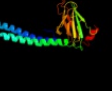
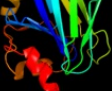
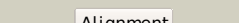
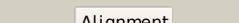
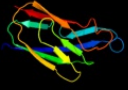
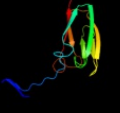


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1fftG_	 Alignment		100.0	100	PDB header: oxidoreductase Chain: G: PDB Molecule: ubiquinol oxidase; PDBTitle: the structure of ubiquinol oxidase from escherichia coli
2	clar1B_	 Alignment		100.0	20	PDB header: complex (oxidoreductase/antibody) Chain: B: PDB Molecule: cytochrome c oxidase; PDBTitle: structure at 2.7 angstrom resolution of the paracoccus2 denitrificans two-subunit cytochrome c oxidase complexed3 with an antibody fv fragment
3	c1m57H_	 Alignment		100.0	21	PDB header: oxidoreductase Chain: H: PDB Molecule: cytochrome c oxidase; PDBTitle: structure of cytochrome c oxidase from rhodobacter2 sphaeroides (eq(i-286) mutant)
4	c1qleB_	 Alignment		100.0	19	PDB header: oxidoreductase/immune system Chain: B: PDB Molecule: cytochrome c oxidase polypeptide ii; PDBTitle: cryo-structure of the paracoccus denitrificans four-subunit2 cytochrome c oxidase in the completely oxidized state3 complexed with an antibody fv fragment
5	c1v55B_	 Alignment		100.0	19	PDB header: oxidoreductase Chain: B: PDB Molecule: cytochrome c oxidase polypeptide ii; PDBTitle: bovine heart cytochrome c oxidase at the fully reduced state
6	d1fftbl	 Alignment		100.0	100	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Periplasmic domain of cytochrome c oxidase subunit II
7	c1cyxA_	 Alignment		100.0	96	PDB header: electron transport Chain: A: PDB Molecule: cyoa; PDBTitle: quinol oxidase (periplasmic fragment of subunit ii with2 engineered cu-a binding site)(cyoa)
8	d1cyxa_	 Alignment		100.0	96	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Periplasmic domain of cytochrome c oxidase subunit II
9	d3ehbb1	 Alignment		100.0	24	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Periplasmic domain of cytochrome c oxidase subunit II
10	d1v54b1	 Alignment		100.0	23	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Periplasmic domain of cytochrome c oxidase subunit II
11	d3dtub1	 Alignment		100.0	27	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Periplasmic domain of cytochrome c oxidase subunit II

12	c1xmeB_	Alignment		100.0	19	PDB header: oxidoreductase Chain: B: PDB Molecule: cytochrome c oxidase polypeptide ii; PDBTitle: structure of recombinant cytochrome ba3 oxidase from thermus2 thermophilus
13	d2cuab_	Alignment		100.0	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Periplasmic domain of cytochrome c oxidase subunit II
14	d2cuaa_	Alignment		99.9	23	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Periplasmic domain of cytochrome c oxidase subunit II
15	d1fftb2	Alignment		99.9	100	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
16	d1fwxa1	Alignment		99.8	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Nitrosocyanin
17	d1qnia1	Alignment		99.7	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Nitrosocyanin
18	d3dtub2	Alignment		99.6	13	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
19	d1libya_	Alignment		99.6	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Nitrosocyanin
20	d3ehbb2	Alignment		99.6	13	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
21	c3mk7F_	Alignment	not modelled	99.6	7	PDB header: oxidoreductase Chain: F: PDB Molecule: cytochrome c oxidase, cbb3-type, subunit p; PDBTitle: the structure of cbb3 cytochrome oxidase
22	d1v54b2	Alignment	not modelled	99.1	12	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
23	c2iwbB_	Alignment	not modelled	99.1	13	PDB header: oxidoreductase Chain: B: PDB Molecule: nitrous oxide reductase; PDBTitle: inhibitor-bound form of nitrous oxide reductase from2 achromobacter cycloclastes at 1.7 angstrom resolution
24	c3sbrF_	Alignment	not modelled	99.0	12	PDB header: oxidoreductase Chain: F: PDB Molecule: nitrous-oxide reductase; PDBTitle: pseudomonas stutzeri nitrous oxide reductase, p1 crystal form with2 substrate
25	c1qniE_	Alignment	not modelled	99.0	13	PDB header: oxidoreductase Chain: E: PDB Molecule: nitrous-oxide reductase; PDBTitle: crystal structure of nitrous oxide reductase from2 pseudomonas nautica, at 2.4a resolution
26	c1fwxB_	Alignment	not modelled	98.7	13	PDB header: oxidoreductase Chain: B: PDB Molecule: nitrous oxide reductase; PDBTitle: crystal structure of nitrous oxide reductase from p. denitrificans
27	d1paza_	Alignment	not modelled	97.5	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
28	d1qhqa_	Alignment	not modelled	97.4	24	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like

29	c2aanA	Alignment	not modelled	97.2	21	PDB header: electron transport Chain: A: PDB Molecule: auracyanin a; PDBTitle: auracyanin a: a "blue" copper protein from the green thermophilic2 photosynthetic bacterium, chloroflexus aurantiacus
30	d1bxua	Alignment	not modelled	97.1	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
31	d1bqka	Alignment	not modelled	97.0	17	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
32	d2ov0a1	Alignment	not modelled	96.8	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
33	d1cuoa	Alignment	not modelled	96.8	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
34	d2ccwa1	Alignment	not modelled	96.8	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
35	d1joia	Alignment	not modelled	96.6	17	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
36	d1cc3a	Alignment	not modelled	96.6	12	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
37	d1pmya	Alignment	not modelled	96.6	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
38	d1rkra	Alignment	not modelled	96.6	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
39	c2h47C	Alignment	not modelled	96.5	14	PDB header: oxidoreductase/electron transport Chain: C: PDB Molecule: azurin; PDBTitle: crystal structure of an electron transfer complex between2 aromatic amine dehydrogenase and azurin from alcaligenes3 faecalis (form 1)
40	d1jzga	Alignment	not modelled	96.5	12	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
41	d1nwpa	Alignment	not modelled	96.5	17	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
42	d1iuza	Alignment	not modelled	96.5	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
43	d1azca	Alignment	not modelled	96.5	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
44	d1adwa	Alignment	not modelled	96.3	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
45	c3ef4A	Alignment	not modelled	96.2	20	PDB header: electron transport Chain: A: PDB Molecule: blue copper protein; PDBTitle: crystal structure of native pseudoazurin from2 hyphomicrobium denitrificans
46	c3c75B	Alignment	not modelled	96.1	22	PDB header: oxidoreductase Chain: B: PDB Molecule: amicyanin; PDBTitle: paracoccus versutus methylamine dehydrogenase in complex2 with amicyanin
47	d1id2a	Alignment	not modelled	96.1	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
48	d2plta	Alignment	not modelled	96.1	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
49	d7pcya	Alignment	not modelled	96.1	24	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
50	d1ag6a	Alignment	not modelled	95.8	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
51	d1plaa	Alignment	not modelled	95.8	24	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
52	d1plca	Alignment	not modelled	95.8	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
53	d1pcsa	Alignment	not modelled	95.8	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
54	d9pcya	Alignment	not modelled	95.7	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
55	d1kdja	Alignment	not modelled	95.7	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
						Fold: Cupredoxin-like

56	d1bypa_	Alignment	not modelled	95.6	23	Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
57	d2cj3a1	Alignment	not modelled	94.7	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
58	d2jxma1	Alignment	not modelled	94.6	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
59	d1mzya2	Alignment	not modelled	93.7	9	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
60	d1sddb2	Alignment	not modelled	93.6	11	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
61	d1e30a_	Alignment	not modelled	93.1	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
62	d1kbva2	Alignment	not modelled	92.6	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
63	d1kcwa2	Alignment	not modelled	92.4	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
64	d2j5wa5	Alignment	not modelled	92.0	11	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
65	c1kbwA_	Alignment	not modelled	91.9	19	PDB header: oxidoreductase Chain: A: PDB Molecule: major outer membrane protein pan 1; PDBTitle: crystal structure of the soluble domain of ania from2 neisseria gonorrhoeae
66	d1snra2	Alignment	not modelled	91.8	8	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
67	d2q5ba1	Alignment	not modelled	90.8	17	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
68	c1aq8B_	Alignment	not modelled	90.4	10	PDB header: oxidoreductase Chain: B: PDB Molecule: nitrite reductase; PDBTitle: structure of alcaligenes faecalis nitrite reductase reduced2 with ascorbate
69	c3oa8B_	Alignment	not modelled	90.0	9	PDB header: heme-binding protein/heme-binding protei Chain: B: PDB Molecule: soxx; PDBTitle: di heme soxax
70	c3gdcC_	Alignment	not modelled	89.4	18	PDB header: oxidoreductase Chain: C: PDB Molecule: multicopper oxidase; PDBTitle: crystal structure of multicopper oxidase
71	d2bw4a2	Alignment	not modelled	89.0	8	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
72	c2dv6F_	Alignment	not modelled	88.9	15	PDB header: oxidoreductase Chain: F: PDB Molecule: nitrite reductase; PDBTitle: crystal structure of nitrite reductase from hyphomicrobium2 denitrificans
73	d1snra1	Alignment	not modelled	88.5	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
74	c1kcwA_	Alignment	not modelled	88.4	9	PDB header: oxidoreductase Chain: A: PDB Molecule: ceruloplasmin; PDBTitle: x-ray crystal structure of human ceruloplasmin at 3.0 angstroms
75	d1aoza3	Alignment	not modelled	88.3	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
76	c1wa1X_	Alignment	not modelled	87.9	8	PDB header: reductase Chain: X: PDB Molecule: dissimilatory copper-containing nitrite PDBTitle: crystal structure of h313q mutant of alcaligenes2 xylooxidans nitrite reductase
77	d1nds a2	Alignment	not modelled	87.8	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
78	c1mz zC_	Alignment	not modelled	87.2	11	PDB header: oxidoreductase Chain: C: PDB Molecule: copper-containing nitrite reductase; PDBTitle: crystal structure of mutant (m182t)of nitrite reductase
79	c1sddB_	Alignment	not modelled	86.7	11	PDB header: blood clotting Chain: B: PDB Molecule: coagulation factor v; PDBTitle: crystal structure of bovine factor vai
80	d2j5wa2	Alignment	not modelled	86.2	11	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
81	c3cdzB_	Alignment	not modelled	83.5	13	PDB header: blood clotting Chain: B: PDB Molecule: coagulation factor viii light chain; PDBTitle: crystal structure of human factor viii
82	c1zpuE_	Alignment	not modelled	81.9	14	PDB header: oxidoreductase Chain: E: PDB Molecule: iron transport multicopper oxidase fet3; PDBTitle: crystal structure of fet3p, a multicopper oxidase that functions in2 iron import
83	c3cdzA_	Alignment	not modelled	81.7	11	PDB header: blood clotting Chain: A: PDB Molecule: coagulation factor viii heavy chain;

					PDBTitle: crystal structure of human factor viii
84	d1hfua3	Alignment	not modelled	80.0	12 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
85	d2bw4a1	Alignment	not modelled	78.0	18 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
86	d1kbva1	Alignment	not modelled	77.5	14 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
87	d1kyaa3	Alignment	not modelled	75.3	14 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
88	c2zooA	Alignment	not modelled	74.9	20 PDB header: oxidoreductase Chain: A: PDB Molecule: probable nitrite reductase; PDBTitle: crystal structure of nitrite reductase from pseudoalteromonas2 haloplanktis tac125
89	d1ndsai	Alignment	not modelled	73.0	13 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
90	d1mzya1	Alignment	not modelled	67.9	11 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
91	c1a65A	Alignment	not modelled	65.2	16 PDB header: oxidoreductase Chain: A: PDB Molecule: laccase; PDBTitle: type-2 cu-depleted laccase from coprinus cinereus
92	d1gyca3	Alignment	not modelled	62.5	14 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
93	c3zx1A	Alignment	not modelled	61.3	18 PDB header: oxidoreductase Chain: A: PDB Molecule: oxidoreductase, putative; PDBTitle: multicopper oxidase from campylobacter jejuni: a metallo-oxidase
94	c2r7eB	Alignment	not modelled	60.1	5 PDB header: blood clotting Chain: B: PDB Molecule: coagulation factor viii; PDBTitle: crystal structure analysis of coagulation factor viii
95	c3g5wC	Alignment	not modelled	59.6	15 PDB header: metal binding protein Chain: C: PDB Molecule: multicopper oxidase type 1; PDBTitle: crystal structure of blue copper oxidase from nitrosomonas europaea
96	d1kyaa2	Alignment	not modelled	45.7	25 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
97	d1gyca2	Alignment	not modelled	43.8	27 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
98	c1asqB	Alignment	not modelled	39.0	16 PDB header: oxidoreductase Chain: B: PDB Molecule: ascorbate oxidase; PDBTitle: x-ray structures and mechanistic implications of three functional2 derivatives of ascorbate oxidase from zucchini: reduced-, peroxide-,3 and azide-forms
99	d2q9oa3	Alignment	not modelled	37.8	19 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
100	c1gyca	Alignment	not modelled	37.4	25 PDB header: oxidoreductase Chain: A: PDB Molecule: laccase 2; PDBTitle: crystal structure determination at room temperature of a2 laccase from trametes versicolor in its oxidised form3 containing a full complement of copper ions
101	c2zwnA	Alignment	not modelled	36.3	11 PDB header: oxidoreductase Chain: A: PDB Molecule: two-domain type laccase; PDBTitle: crystal structure of the novel two-domain type laccase from a2 metagenome
102	c3ppsD	Alignment	not modelled	35.9	14 PDB header: oxidoreductase Chain: D: PDB Molecule: laccase; PDBTitle: crystal structure of an ascomycete fungal laccase from thielavia2 arenaria
103	d1h9aa1	Alignment	not modelled	35.9	15 Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
104	c2xu9A	Alignment	not modelled	35.6	12 PDB header: oxidoreductase Chain: A: PDB Molecule: laccase; PDBTitle: crystal structure of laccase from thermus thermophilus hb27
105	c2q9oA	Alignment	not modelled	34.5	19 PDB header: oxidoreductase Chain: A: PDB Molecule: laccase-1; PDBTitle: near-atomic resolution structure of a melanocarpus albomyces laccase
106	d1qkia1	Alignment	not modelled	34.0	13 Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
107	d1hfua2	Alignment	not modelled	32.2	21 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
108	d1ws8a	Alignment	not modelled	31.9	21 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
109	c1of0A	Alignment	not modelled	31.8	18 PDB header: oxidoreductase Chain: A: PDB Molecule: spore coat protein a; PDBTitle: crystal structure of bacillus subtilis cota after 1h2 soaking with ebs

110	c1x9rA_	 Alignment	not modelled	31.6	20	PDB header: electron transport Chain: A: PDB Molecule: umecyanin; PDBTitle: umecyanin from horse raddish- crystal structure of the2 oxidised form
111	c1jerA_	 Alignment	not modelled	27.8	16	PDB header: electron transport Chain: A: PDB Molecule: cucumber stellacyanin; PDBTitle: cucumber stellacyanin, cu2+, ph 7.0
112	d1jera_	 Alignment	not modelled	27.8	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
113	c3kw8A_	 Alignment	not modelled	26.5	13	PDB header: oxidoreductase Chain: A: PDB Molecule: putative copper oxidase; PDBTitle: two-domain laccase from streptomyces coelicolor at 2.3 a resolution
114	d1pgsa2	 Alignment	not modelled	25.3	13	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: PHM/PNGase F Family: Glycosyl-asparaginase
115	c3abgA_	 Alignment	not modelled	24.3	16	PDB header: oxidoreductase Chain: A: PDB Molecule: bilirubin oxidase; PDBTitle: x-ray crystal analysis of bilirubin oxidase from myrothecium2 verrucaria at 2.3 angstrom resolution using a twin crystal
116	c2jf1A_	 Alignment	not modelled	23.4	14	PDB header: cell adhesion Chain: A: PDB Molecule: filamin-a; PDBTitle: crystal structure of the filamin a repeat 21 complexed with2 the integrin beta2 cytoplasmic tail peptide
117	d1v10a2	 Alignment	not modelled	22.3	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
118	d1n1ta2	 Alignment	not modelled	22.0	32	Fold: 6-bladed beta-propeller Superfamily: Sialidases Family: Sialidases (neuraminidases)
119	d1v10a3	 Alignment	not modelled	21.6	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins