







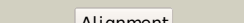

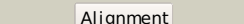

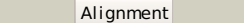

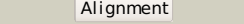

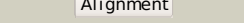

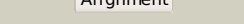

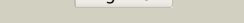






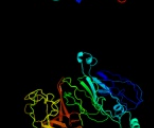





#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2fqeA_	 Alignment		100.0	99	PDB header: oxidoreductase Chain: A: PDB Molecule: blue copper oxidase cueo; PDBTitle: crystal structures of e. coli laccase cueo under different2 copper binding situations
2	c2yxwB_	 Alignment		100.0	100	PDB header: oxidoreductase Chain: B: PDB Molecule: blue copper oxidase cueo; PDBTitle: the deletion mutant of multicopper oxidase cueo
3	c3abgA_	 Alignment		100.0	26	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
4	c3zx1A_	 Alignment		100.0	27	PDB header: oxidoreductase Chain: A: PDB Molecule: oxidoreductase, putative; PDBTitle: multicopper oxidase from campylobacter jejuni: a metallo-oxidase
5	c2uxtA_	 Alignment		100.0	34	PDB header: oxidoreductase Chain: A: PDB Molecule: protein sufi; PDBTitle: sufi protein from escherichia coli
6	c1zpuE_	 Alignment		100.0	19	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
7	c2g23G_	 Alignment		100.0	27	PDB header: oxidoreductase Chain: G: PDB Molecule: phenoxazinone synthase; PDBTitle: the crystal structure of hexameric phenoxazinone synthase
8	c1of0A_	 Alignment		100.0	29	PDB header: oxidoreductase Chain: A: PDB Molecule: spore coat protein a; PDBTitle: crystal structure of bacillus subtilis cota after 1h2 soaking with ebs
9	c2xu9A_	 Alignment		100.0	33	PDB header: oxidoreductase Chain: A: PDB Molecule: laccase; PDBTitle: crystal structure of laccase from thermus thermophilus hb27
10	c3ppsD_	 Alignment		100.0	24	PDB header: oxidoreductase Chain: D: PDB Molecule: laccase; PDBTitle: crystal structure of an ascomycete fungal laccase from thielavia2 arenaria
11	c2q9oA_	 Alignment		100.0	22	PDB header: oxidoreductase Chain: A: PDB Molecule: laccase-1; PDBTitle: near-atomic resolution structure of a melanocarpus albomyces laccase

12	c1gycA_	Alignment		100.0	17	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
13	c1v10A_	Alignment		100.0	20	PDB header: oxidase Chain: A: PDB Molecule: laccase; PDBTitle: structure of rigidoporus lignosus laccase from hemihedrally2 twinned crystals
14	c1a65A_	Alignment		100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: laccase; PDBTitle: type-2 cu-depleted laccase from coprinus cinereus
15	c1asqB_	Alignment		100.0	20	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
16	c3aw5A_	Alignment		100.0	31	PDB header: oxidoreductase Chain: A: PDB Molecule: multicopper oxidase; PDBTitle: structure of a multicopper oxidase from the hyperthermophilic archaeon2 pyrobaculum aerophilum
17	c3cdzA_	Alignment		100.0	15	PDB header: blood clotting Chain: A: PDB Molecule: coagulation factor viii heavy chain; PDBTitle: crystal structure of human factor viii
18	c1kcwA_	Alignment		100.0	15	PDB header: oxidoreductase Chain: A: PDB Molecule: ceruloplasmin; PDBTitle: x-ray crystal structure of human ceruloplasmin at 3.0 angstroms
19	c3g5wC_	Alignment		100.0	21	PDB header: metal binding protein Chain: C: PDB Molecule: multicopper oxidase type 1; PDBTitle: crystal structure of blue copper oxidase from nitrosomonas europaea
20	c2zwnA_	Alignment		100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: two-domain type laccase; PDBTitle: crystal structure of the novel two-domain type laccase from a2 metagenome
21	c2zooA_	Alignment	not modelled	100.0	16	PDB header: oxidoreductase Chain: A: PDB Molecule: probable nitrite reductase; PDBTitle: crystal structure of nitrite reductase from pseudoalteromonas2 haloplanktis tac125
22	c1kbwA_	Alignment	not modelled	100.0	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
23	c3gdcC_	Alignment	not modelled	100.0	25	PDB header: oxidoreductase Chain: C: PDB Molecule: multicopper oxidase; PDBTitle: crystal structure of multicopper oxidase
24	c1wa1X_	Alignment	not modelled	100.0	15	PDB header: reductase Chain: X: PDB Molecule: dissimilatory copper-containing nitrite PDBTitle: crystal structure of h313q mutant of alcaligenes2 xylooxidans nitrite reductase
25	c3cdzB_	Alignment	not modelled	100.0	20	PDB header: blood clotting Chain: B: PDB Molecule: coagulation factor viii light chain; PDBTitle: crystal structure of human factor viii
26	c2r7eB_	Alignment	not modelled	100.0	20	PDB header: blood clotting Chain: B: PDB Molecule: coagulation factor viii; PDBTitle: crystal structure analysis of coagulation factor viii
27	c1mzxC_	Alignment	not modelled	100.0	15	PDB header: oxidoreductase Chain: C: PDB Molecule: copper-containing nitrite reductase; PDBTitle: crystal structure of mutant (m182t)of nitrite reductase
28	c2dv6F_	Alignment	not modelled	100.0	29	PDB header: oxidoreductase Chain: F: PDB Molecule: nitrite reductase; PDBTitle: crystal structure of nitrite reductase from hyphomicrobium2 denitrificans
29	c1aq8B_	Alignment	not modelled	100.0	16	PDB header: oxidoreductase Chain: B: PDB Molecule: nitrite reductase; PDBTitle: structure of alcaligenes faecalis nitrite reductase

					reduced2 with ascorbate
30	c1sddB	Alignment	not modelled	100.0	22 PDB header: blood clotting Chain: B: PDB Molecule: coagulation factor v; PDBTitle: crystal structure of bovine factor vai
31	c3cg8B	Alignment	not modelled	100.0	28 PDB header: oxidoreductase Chain: B: PDB Molecule: laccase; PDBTitle: laccase from streptomyces coelicolor
32	c3kw8A	Alignment	not modelled	100.0	22 PDB header: oxidoreductase Chain: A: PDB Molecule: putative copper oxidase; PDBTitle: two-domain laccase from streptomyces coelicolor at 2.3 a resolution
33	c1sddA	Alignment	not modelled	100.0	19 PDB header: blood clotting Chain: A: PDB Molecule: coagulation factor v; PDBTitle: crystal structure of bovine factor vai
34	d1kv7a1	Alignment	not modelled	100.0	100 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
35	d1gska1	Alignment	not modelled	100.0	30 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
36	d1v10a1	Alignment	not modelled	100.0	27 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
37	d1gyca1	Alignment	not modelled	100.0	25 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
38	d1kv7a3	Alignment	not modelled	100.0	94 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
39	d1aoza1	Alignment	not modelled	100.0	27 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
40	d1oe1a1	Alignment	not modelled	100.0	19 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
41	d2q9oa1	Alignment	not modelled	100.0	28 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
42	d2bw4a1	Alignment	not modelled	100.0	18 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
43	d1hfua1	Alignment	not modelled	100.0	30 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
44	d1mzya1	Alignment	not modelled	100.0	17 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
45	d1kyaa1	Alignment	not modelled	100.0	28 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
46	d1kv7a2	Alignment	not modelled	100.0	100 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
47	d1kbva1	Alignment	not modelled	100.0	20 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
48	d1hfua3	Alignment	not modelled	100.0	16 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
49	d1snra1	Alignment	not modelled	100.0	17 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
50	d1gska3	Alignment	not modelled	100.0	29 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
51	d1ndsai	Alignment	not modelled	100.0	17 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
52	d1sdda1	Alignment	not modelled	100.0	16 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
53	d1kyaa3	Alignment	not modelled	100.0	15 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
54	d1gska2	Alignment	not modelled	100.0	22 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
55	d2q9oa3	Alignment	not modelled	100.0	27 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
56	d1gyca3	Alignment	not modelled	100.0	15 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
					Fold: Cupredoxin-like

57	d1v10a3	Alignment	not modelled	100.0	18	Superfamily: Cupredoxins Family: Multidomain cupredoxins
58	d1aoza3	Alignment	not modelled	100.0	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
59	d2j5wa3	Alignment	not modelled	99.9	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
60	d1aoza2	Alignment	not modelled	99.9	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
61	d1hfua2	Alignment	not modelled	99.9	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
62	d2q9oa2	Alignment	not modelled	99.9	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
63	d2j5wa1	Alignment	not modelled	99.9	28	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
64	d1kyaa2	Alignment	not modelled	99.9	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
65	d1gyca2	Alignment	not modelled	99.9	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
66	d2j5wa4	Alignment	not modelled	99.9	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
67	d1v10a2	Alignment	not modelled	99.9	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
68	d1sddb2	Alignment	not modelled	99.9	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
69	d2j5wa5	Alignment	not modelled	99.9	26	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
70	d2j5wa2	Alignment	not modelled	99.8	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
71	d1kbva2	Alignment	not modelled	99.8	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
72	d1kcwa2	Alignment	not modelled	99.8	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
73	d1snra2	Alignment	not modelled	99.8	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
74	d1e30a_	Alignment	not modelled	99.8	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
75	d1ndsa2	Alignment	not modelled	99.8	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
76	d2bw4a2	Alignment	not modelled	99.8	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
77	d1mzya2	Alignment	not modelled	99.8	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
78	d1libya_	Alignment	not modelled	99.6	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Nitrosocyanin
79	c2aanA_	Alignment	not modelled	99.6	17	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
80	d1fwxa1	Alignment	not modelled	99.5	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Nitrosocyanin
81	d1qhqa_	Alignment	not modelled	99.5	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
82	d1qnia1	Alignment	not modelled	99.4	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Nitrosocyanin
83	d1sddb1	Alignment	not modelled	99.3	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
84	d1sdda2	Alignment	not modelled	99.2	12	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins

85	d1plaa_	Alignment	not modelled	99.0	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
86	d1ag6a_	Alignment	not modelled	99.0	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
87	d2q5ba1	Alignment	not modelled	98.9	26	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
88	d2plta_	Alignment	not modelled	98.9	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
89	d1jzga_	Alignment	not modelled	98.7	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
90	d1joia_	Alignment	not modelled	98.7	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
91	d2ccwa1	Alignment	not modelled	98.7	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
92	d1pcsa_	Alignment	not modelled	98.6	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
93	d2jxma1	Alignment	not modelled	98.6	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
94	d1iuza_	Alignment	not modelled	98.6	12	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
95	c3sbrF_	Alignment	not modelled	98.6	20	PDB header: oxidoreductase Chain: F: PDB Molecule: nitrous-oxide reductase; PDBTitle: pseudomonas stutzeri nitrous oxide reductase, p1 crystal form with2 substrate
96	d1bypa_	Alignment	not modelled	98.5	25	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
97	d9pcya_	Alignment	not modelled	98.5	24	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
98	d7pcya_	Alignment	not modelled	98.4	9	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
99	d2cj3a1	Alignment	not modelled	98.4	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
100	d1cuoa_	Alignment	not modelled	98.3	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
101	d1bxua_	Alignment	not modelled	98.3	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
102	c2iwbB_	Alignment	not modelled	98.3	18	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
103	c2h47C_	Alignment	not modelled	98.2	14	PDB header: oxidoreductase/electron transport Chain: C: PDB Molecule: azurin; PDBTitle: crystal structure of an electron transfer complex between2 aromatic amine dephydrogenase and azurin from alcaligenes3 faecalis (form 1)
104	d1oe1a2	Alignment	not modelled	98.2	17	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multi domain cupredoxins
105	d1kdja_	Alignment	not modelled	98.2	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
106	d1cc3a_	Alignment	not modelled	98.0	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
107	d1id2a_	Alignment	not modelled	98.0	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
108	c3c75B_	Alignment	not modelled	98.0	19	PDB header: oxidoreductase Chain: B: PDB Molecule: amicyanin; PDBTitle: paracoccus versutus methylamine dehydrogenase in complex2 with amicyanin
109	c3ef4A_	Alignment	not modelled	98.0	16	PDB header: electron transport Chain: A: PDB Molecule: blue copper protein; PDBTitle: crystal structure of native pseudoazurin from2 hyphomicrobium denitrificans
110	d2cuaa_	Alignment	not modelled	98.0	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Periplasmic domain of cytochrome c oxidase subunit II
111	d1paza_	Alignment	not modelled	98.0	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
						Fold: Cupredoxin-like

112	dlazca_	Alignment	not modelled	97.9	15	Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
113	dlplca_	Alignment	not modelled	97.9	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
114	dlbqka_	Alignment	not modelled	97.8	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
115	d2ov0a1	Alignment	not modelled	97.8	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
116	clqniE_	Alignment	not modelled	97.8	22	PDB header: oxidoreductase Chain: E: PDB Molecule: nitrous-oxide reductase; PDBTitle: crystal structure of nitrous oxide reductase from2 pseudomonas nautica, at 2.4a resolution
117	dlpmya_	Alignment	not modelled	97.8	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
118	dladwa_	Alignment	not modelled	97.6	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
119	dlnwpa_	Alignment	not modelled	97.6	23	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
120	dlrkra_	Alignment	not modelled	97.5	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like