
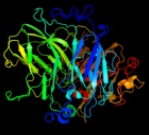


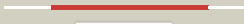









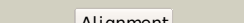

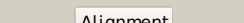

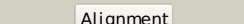

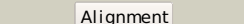












#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3ppsD_	 Alignment		100.0	25	PDB header: oxidoreductase Chain: D: PDB Molecule: laccase; PDBTitle: crystal structure of an ascomycete fungal laccase from thielavia2 arenaria
2	c3sqrA_	 Alignment		100.0	29	PDB header: oxidoreductase Chain: A: PDB Molecule: laccase; PDBTitle: crystal structure of laccase from botrytis aclada at 1.67 a resolution
3	c2q9oA_	 Alignment		100.0	27	PDB header: oxidoreductase Chain: A: PDB Molecule: laccase-1; PDBTitle: near-atomic resolution structure of a melanocarpus albomyces laccase
4	c1zpuE_	 Alignment		100.0	27	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
5	c1asqB_	 Alignment		100.0	28	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
6	c1gycA_	 Alignment		100.0	32	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
7	c3t6vA_	 Alignment		100.0	31	PDB header: oxidoreductase Chain: A: PDB Molecule: laccase; PDBTitle: crystal structure of laccase from steccherinum ochraceum
8	c1a65A_	 Alignment		100.0	34	PDB header: oxidoreductase Chain: A: PDB Molecule: laccase; PDBTitle: type-2 cu-depleted laccase from coprinus cinereus
9	c1v10A_	 Alignment		100.0	30	PDB header: oxidase Chain: A: PDB Molecule: laccase; PDBTitle: structure of rigidoporus lignosus laccase from hemihedrally2 twinned crystals
10	c2fqeA_	 Alignment		100.0	24	PDB header: oxidoreductase Chain: A: PDB Molecule: blue copper oxidase cueo; PDBTitle: crystal structures of e. coli laccase cueo under different2 copper binding situations
11	c3zx1A_	 Alignment		100.0	27	PDB header: oxidoreductase Chain: A: PDB Molecule: oxidoreductase, putative; PDBTitle: multicopper oxidase from campylobacter jejuni: a metallo-oxidase

12	c2xu9A_	Alignment		100.0	23	PDB header: oxidoreductase Chain: A: PDB Molecule: laccase; PDBTitle: crystal structure of laccase from thermus thermophilus hb27
13	c1of0A_	Alignment		100.0	22	PDB header: oxidoreductase Chain: A: PDB Molecule: spore coat protein a; PDBTitle: crystal structure of bacillus subtilis cota after 1h2 soaking with ebs
14	c2xllC_	Alignment		100.0	22	PDB header: oxidoreductase Chain: C: PDB Molecule: bilirubin oxidase; PDBTitle: the crystal structure of bilirubin oxidase from myrothecium2 verrucaria
15	c3abgA_	Alignment		100.0	22	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
16	c2yxwB_	Alignment		100.0	24	PDB header: oxidoreductase Chain: B: PDB Molecule: blue copper oxidase cueo; PDBTitle: the deletion mutant of multicopper oxidase cueo
17	c2g23G_	Alignment		100.0	18	PDB header: oxidoreductase Chain: G: PDB Molecule: phenoxazinone synthase; PDBTitle: the crystal structure of hexameric phenoxazinone synthase
18	c2uxtA_	Alignment		100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: protein sufi; PDBTitle: sufi protein from escherichia coli
19	c3aw5A_	Alignment		100.0	21	PDB header: oxidoreductase Chain: A: PDB Molecule: multicopper oxidase; PDBTitle: structure of a multicopper oxidase from the hyperthermophilic archaeon2 pyrobaculum aerophilum
20	c3cdzA_	Alignment		100.0	18	PDB header: blood clotting Chain: A: PDB Molecule: coagulation factor viii heavy chain; PDBTitle: crystal structure of human factor viii
21	c1kcwA_	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: A: PDB Molecule: ceruloplasmin; PDBTitle: x-ray crystal structure of human ceruloplasmin at 3.0 angstroms
22	c3g5wC_	Alignment	not modelled	100.0	26	PDB header: metal binding protein Chain: C: PDB Molecule: multicopper oxidase type 1; PDBTitle: crystal structure of blue copper oxidase from nitrosomonas europaea
23	c2zwnA_	Alignment	not modelled	100.0	28	PDB header: oxidoreductase Chain: A: PDB Molecule: two-domain type laccase; PDBTitle: crystal structure of the novel two-domain type laccase from a2 metagenome
24	c1kbwA_	Alignment	not modelled	100.0	18	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
25	c3cdzB_	Alignment	not modelled	100.0	24	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	26	PDB header: blood clotting Chain: B: PDB Molecule: coagulation factor viii; PDBTitle: crystal structure analysis of coagulation factor viii
27	c2zooA_	Alignment	not modelled	100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: probable nitrite reductase; PDBTitle: crystal structure of nitrite reductase from pseudoalteromonas2 haloplanktis tac125
28	c1walX_	Alignment	not modelled	100.0	17	PDB header: reductase Chain: X: PDB Molecule: dissimilatory copper-containing nitrite PDBTitle: crystal structure of h313q mutant of alcaligenes2 xylooxidans nitrite reductase
						PDB header: oxidoreductase

29	c3gdcC_	Alignment	not modelled	100.0	24	Chain: C: PDB Molecule: multicopper oxidase; PDBTitle: crystal structure of multicopper oxidase
30	c3tasC_	Alignment	not modelled	100.0	37	PDB header: oxidoreductase Chain: C: PDB Molecule: small laccase, multi-copper oxidase; PDBTitle: small laccase from streptomyces viridosporus t7a
31	c2dv6F_	Alignment	not modelled	100.0	24	PDB header: oxidoreductase Chain: F: PDB Molecule: nitrite reductase; PDBTitle: crystal structure of nitrite reductase from hyphomicrobium2 denitrificans
32	c1mzzC_	Alignment	not modelled	100.0	19	PDB header: oxidoreductase Chain: C: PDB Molecule: copper-containing nitrite reductase; PDBTitle: crystal structure of mutant (m182t) of nitrite reductase
33	c1sddB_	Alignment	not modelled	100.0	29	PDB header: blood clotting Chain: B: PDB Molecule: coagulation factor v; PDBTitle: crystal structure of bovine factor vai
34	c1aq8B_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: B: PDB Molecule: nitrite reductase; PDBTitle: structure of alcaligenes faecalis nitrite reductase reduced2 with ascorbate
35	c3cg8B_	Alignment	not modelled	100.0	33	PDB header: oxidoreductase Chain: B: PDB Molecule: laccase; PDBTitle: laccase from streptomyces coelicolor
36	c3t9wA_	Alignment	not modelled	100.0	36	PDB header: oxidoreductase Chain: A: PDB Molecule: small laccase, multi-copper oxidase; PDBTitle: small laccase from amycolatopsis sp. atcc 39116
37	c3kw8A_	Alignment	not modelled	100.0	29	PDB header: oxidoreductase Chain: A: PDB Molecule: putative copper oxidase; PDBTitle: two-domain laccase from streptomyces coelicolor at 2.3 a resolution
38	d1aoza3	Alignment	not modelled	100.0	29	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
39	c1sddA_	Alignment	not modelled	100.0	25	PDB header: blood clotting Chain: A: PDB Molecule: coagulation factor v; PDBTitle: crystal structure of bovine factor vai
40	d2q9oa1	Alignment	not modelled	100.0	29	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
41	d1hfua3	Alignment	not modelled	100.0	33	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
42	d1kyaa2	Alignment	not modelled	100.0	34	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
43	d1aoza1	Alignment	not modelled	100.0	40	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
44	d2q9oa2	Alignment	not modelled	100.0	28	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
45	d1kyaa3	Alignment	not modelled	100.0	28	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
46	d1gyca2	Alignment	not modelled	100.0	34	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
47	d1gyca3	Alignment	not modelled	100.0	28	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
48	d1aoza2	Alignment	not modelled	100.0	26	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
49	d1hfua2	Alignment	not modelled	100.0	36	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
50	d2q9oa3	Alignment	not modelled	100.0	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
51	d1v10a2	Alignment	not modelled	100.0	31	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
52	d1v10a3	Alignment	not modelled	100.0	26	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
53	d1gyca1	Alignment	not modelled	100.0	37	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
54	d1v10a1	Alignment	not modelled	100.0	34	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
55	d1hfua1	Alignment	not modelled	100.0	39	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
56	d1kyaa1	Alignment	not modelled	100.0	37	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins

57	dlkv7a1	Alignment	not modelled	100.0	30	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
58	dlgska1	Alignment	not modelled	100.0	24	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
59	dlmzya1	Alignment	not modelled	100.0	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
60	dlol1a1	Alignment	not modelled	100.0	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
61	dlgska3	Alignment	not modelled	100.0	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
62	d2bw4a1	Alignment	not modelled	100.0	23	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
63	dlstda1	Alignment	not modelled	99.9	19	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
64	dlsnra1	Alignment	not modelled	99.9	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
65	dlkv7a3	Alignment	not modelled	99.9	27	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
66	dlndsa1	Alignment	not modelled	99.9	17	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
67	dlkbva1	Alignment	not modelled	99.9	23	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
68	d2j5wa3	Alignment	not modelled	99.9	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
69	dlgska2	Alignment	not modelled	99.9	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
70	dlkv7a2	Alignment	not modelled	99.9	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
71	d2j5wa1	Alignment	not modelled	99.9	28	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
72	d2j5wa4	Alignment	not modelled	99.9	30	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
73	dlsnra2	Alignment	not modelled	99.8	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
74	dlndsa2	Alignment	not modelled	99.8	17	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
75	dlstdb2	Alignment	not modelled	99.8	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
76	d2bw4a2	Alignment	not modelled	99.8	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
77	d2j5wa5	Alignment	not modelled	99.8	26	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
78	dlkbva2	Alignment	not modelled	99.8	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
79	dle30a_	Alignment	not modelled	99.8	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
80	d2j5wa2	Alignment	not modelled	99.8	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
81	dlmzya2	Alignment	not modelled	99.8	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
82	dlkcwa2	Alignment	not modelled	99.8	24	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
83	c2aanA_	Alignment	not modelled	99.5	13	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
84	dlqhqa_	Alignment	not modelled	99.5	18	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like

85	d1fwxa1	Alignment	not modelled	99.4	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Nitrosocyanin
86	d1libya	Alignment	not modelled	99.3	25	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Nitrosocyanin
87	d1qnia1	Alignment	not modelled	99.2	17	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Nitrosocyanin
88	d1sdda2	Alignment	not modelled	99.2	20	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
89	d1sddb1	Alignment	not modelled	99.1	22	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
90	d1ag6a	Alignment	not modelled	98.8	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
91	d1plaa	Alignment	not modelled	98.6	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
92	d2plta	Alignment	not modelled	98.6	12	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
93	c3ay2A	Alignment	not modelled	98.6	12	PDB header: antitumor protein, antiviral protein Chain: A: PDB Molecule: lipid modified azurin protein; PDBTitle: crystal structure of neisserial azurin
94	d2ccwa1	Alignment	not modelled	98.5	12	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
95	c4f2eA	Alignment	not modelled	98.5	11	PDB header: metal transport Chain: A: PDB Molecule: cupa; PDBTitle: crystal structure of the streptococcus pneumoniae d39 copper chaperone2 cupa with cu(i)
96	d2q5ba1	Alignment	not modelled	98.5	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
97	d1jzga	Alignment	not modelled	98.4	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
98	d9pcya	Alignment	not modelled	98.3	16	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
99	d1oe1a2	Alignment	not modelled	98.3	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
100	c3sbrF	Alignment	not modelled	98.3	18	PDB header: oxidoreductase Chain: F: PDB Molecule: nitrous-oxide reductase; PDBTitle: pseudomonas stutzeri nitrous oxide reductase, p1 crystal form with2 substrate
101	d1iuza	Alignment	not modelled	98.3	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
102	d1bypa	Alignment	not modelled	98.3	12	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
103	d1pcsa	Alignment	not modelled	98.3	15	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
104	d2jxma1	Alignment	not modelled	98.3	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
105	d1joia	Alignment	not modelled	98.3	14	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
106	c4hcgA	Alignment	not modelled	98.2	18	PDB header: oxidoreductase Chain: A: PDB Molecule: cupredoxin 1; PDBTitle: uncharacterized cupredoxin-like domain protein cupredoxin_1 with zinc2 bound from bacillus anthracis
107	d7pcya	Alignment	not modelled	98.2	17	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
108	c2h47C	Alignment	not modelled	98.1	15	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)
109	c4f2fA	Alignment	not modelled	97.8	18	PDB header: metal binding protein Chain: A: PDB Molecule: cation-transporting atpase, e1-e2 family protein; PDBTitle: crystal structure of the metal binding domain (mbd) of the2 streptococcus pneumoniae d39 cu(i) exporting p-type atpase copa with3 cu(i)
110	d1kdja	Alignment	not modelled	97.8	13	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
111	d1plca	Alignment	not modelled	97.8	15	Fold: Cupredoxin-like Superfamily: Cupredoxins

					Family: Plastocyanin/azurin-like
112	c2iwb	Alignment	not modelled	97.8	17 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
113	d1cuoa	Alignment	not modelled	97.8	13 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
114	d1bxua	Alignment	not modelled	97.8	18 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
115	c3ef4A	Alignment	not modelled	97.8	16 PDB header: electron transport Chain: A: PDB Molecule: blue copper protein; PDBTitle: crystal structure of native pseudoazurin from2 hyphomicrobium denitrificans
116	d2cj3a1	Alignment	not modelled	97.7	11 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
117	d1pmya	Alignment	not modelled	97.6	15 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
118	d1azca	Alignment	not modelled	97.5	9 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like
119	c3tu6A	Alignment	not modelled	97.5	16 PDB header: electron transport Chain: A: PDB Molecule: pseudoazurin (blue copper protein); PDBTitle: the structure of a pseudoazurin from sinorhizobium meliitot
120	d1adwa	Alignment	not modelled	97.4	18 Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Plastocyanin/azurin-like