







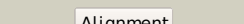
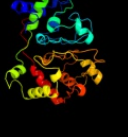
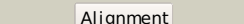

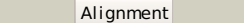

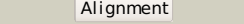

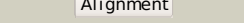

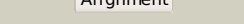
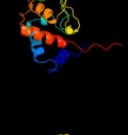
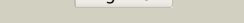









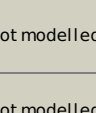


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2vhdB_	 Alignment		100.0	44	PDB header: oxidoreductase Chain: B: PDB Molecule: cytochrome c551 peroxidase; PDBTitle: crystal structure of the di-haem cytochrome c peroxidase2 from pseudomonas aeruginosa - mixed valence form
2	c3o5cA_	 Alignment		100.0	44	PDB header: oxidoreductase Chain: A: PDB Molecule: cytochrome c551 peroxidase; PDBTitle: cytochrome c peroxidase bccp of shewanella oneidensis
3	cliqcB_	 Alignment		100.0	47	PDB header: oxidoreductase Chain: B: PDB Molecule: di-heme peroxidase; PDBTitle: crystal structure of di-heme peroxidase from nitrosomonas europaea
4	c2c1uB_	 Alignment		100.0	42	PDB header: oxidoreductase Chain: B: PDB Molecule: di-haem cytochrome c peroxidase; PDBTitle: crystal structure of the di-haem cytochrome c peroxidase2 from paracoccus pantotrophus - oxidised form
5	c1nmlA_	 Alignment		100.0	44	PDB header: oxidoreductase Chain: A: PDB Molecule: di-haem cytochrome c peroxidase; PDBTitle: di-haemic cytochrome c peroxidase from pseudomonas nautica 617, form2 in (ph 4.0)
6	c3l4oB_	 Alignment		100.0	36	PDB header: oxidoreductase/electron transport Chain: B: PDB Molecule: methylamine utilization protein maug; PDBTitle: crystal structure of the maug/pre-methylamine dehydrogenase complex2 after treatment with hydrogen peroxide
7	c3hq7A_	 Alignment		100.0	44	PDB header: oxidoreductase Chain: A: PDB Molecule: cytochrome c551 peroxidase; PDBTitle: ccpa from g. sulfurreducens, g94k/k97q/r100i variant
8	c1zzhA_	 Alignment		100.0	43	PDB header: oxidoreductase Chain: A: PDB Molecule: cytochrome c peroxidase; PDBTitle: structure of the fully oxidized di-heme cytochrome c2 peroxidase from r. capsulatus
9	dliqca2	 Alignment		100.0	45	Fold: Cytochrome c Superfamily: Cytochrome c Family: Di-heme cytochrome c peroxidase
10	dleb7a2	 Alignment		100.0	53	Fold: Cytochrome c Superfamily: Cytochrome c Family: Di-heme cytochrome c peroxidase
11	d1nmla1	 Alignment		100.0	41	Fold: Cytochrome c Superfamily: Cytochrome c Family: Di-heme cytochrome c peroxidase

12	dliqca1	Alignment		100.0	48	Fold: Cytochrome c Superfamily: Cytochrome c Family: Di-heme cytochrome c peroxidase
13	dleb7a1	Alignment		100.0	40	Fold: Cytochrome c Superfamily: Cytochrome c Family: Di-heme cytochrome c peroxidase
14	dinmla2	Alignment		100.0	45	Fold: Cytochrome c Superfamily: Cytochrome c Family: Di-heme cytochrome c peroxidase
15	c3oa8A_	Alignment		99.9	14	PDB header: heme-binding protein/heme-binding protei Chain: A: PDB Molecule: soxa; PDBTitle: diheme soxax
16	c1h32A_	Alignment		99.5	17	PDB header: electron transfer Chain: A: PDB Molecule: di-heme cytochrome c; PDBTitle: reduced soxax complex from rhodovulum sulfidophilum
17	c2c1dC_	Alignment		99.4	16	PDB header: oxidoreductase Chain: C: PDB Molecule: soxa; PDBTitle: crystal structure of soxxa from p. pantotrophus
18	c3mk7F_	Alignment		98.9	21	PDB header: oxidoreductase Chain: F: PDB Molecule: cytochrome c oxidase, cbb3-type, subunit p; PDBTitle: the structure of cbb3 cytochrome oxidase
19	d1wejf_	Alignment		98.9	17	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
20	d1j3sa_	Alignment		98.9	19	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
21	d1lfma_	Alignment	not modelled	98.8	23	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
22	d1co6a_	Alignment	not modelled	98.7	17	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
23	d1h32b_	Alignment	not modelled	98.6	16	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
24	c1fcdD_	Alignment	not modelled	98.6	24	PDB header: electron transport(flavocytochrome) Chain: D: PDB Molecule: flavocytochrome c sulfide dehydrogenase PDBTitle: the structure of flavocytochrome c sulfide dehydrogenase2 from a purple phototrophic bacterium chromatium vinosum at3 2.5 angstroms resolution
25	d1cxca_	Alignment	not modelled	98.6	21	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
26	d1cota_	Alignment	not modelled	98.6	16	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
27	d3c2ca_	Alignment	not modelled	98.6	15	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
28	d1ccra_	Alignment	not modelled	98.6	15	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c

54	d1fi3a_	Alignment	not modelled	97.9	27	Superfamily: Cytochrome c Family: monodomain cytochrome c
55	d1m70a2	Alignment	not modelled	97.8	19	Fold: Cytochrome c Superfamily: Cytochrome c Family: Two-domain cytochrome c
56	c3dr0B_	Alignment	not modelled	97.8	20	PDB header: electron transport Chain: B: PDB Molecule: cytochrome c6; PDBTitle: structure of reduced cytochrome c6 from synechococcus sp.2 pcc 7002
57	c2l4dA_	Alignment	not modelled	97.8	13	PDB header: electron transport Chain: A: PDB Molecule: sco1/senc family protein/cytochrome c; PDBTitle: cytochrome c domain of pp3183 protein from pseudomonas putida
58	d1a56a_	Alignment	not modelled	97.8	17	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
59	d1wvec1	Alignment	not modelled	97.8	25	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
60	d1cora_	Alignment	not modelled	97.7	25	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
61	d1kb0a1	Alignment	not modelled	97.7	29	Fold: Cytochrome c Superfamily: Cytochrome c Family: Quinoprotein alcohol dehydrogenase, C-terminal domain
62	c2d0sA_	Alignment	not modelled	97.7	30	PDB header: electron transport Chain: A: PDB Molecule: cytochrome c; PDBTitle: crystal structure of the cytochrome c552 from moderate2 thermophilic bacterium, hydrogenophilus thermoluteolus
63	d1c75a_	Alignment	not modelled	97.7	19	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
64	c1h1oA_	Alignment	not modelled	97.7	22	PDB header: electron transport Chain: A: PDB Molecule: cytochrome c-552; PDBTitle: acidithiobacillus ferrooxidans cytochrome c4 structure2 supports a complex-induced tuning of electron transfer
65	d1ynra1	Alignment	not modelled	97.7	26	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
66	d1h1oa2	Alignment	not modelled	97.7	19	Fold: Cytochrome c Superfamily: Cytochrome c Family: Two-domain cytochrome c
67	d1ls9a_	Alignment	not modelled	97.6	19	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
68	d1c6ra_	Alignment	not modelled	97.6	16	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
69	d1qksa1	Alignment	not modelled	97.6	31	Fold: Cytochrome c Superfamily: Cytochrome c Family: N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
70	d1kx7a_	Alignment	not modelled	97.6	22	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
71	d1m70a1	Alignment	not modelled	97.6	21	Fold: Cytochrome c Superfamily: Cytochrome c Family: Two-domain cytochrome c
72	d1dvha_	Alignment	not modelled	97.6	31	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
73	c3dmiA_	Alignment	not modelled	97.6	18	PDB header: electron transport Chain: A: PDB Molecule: cytochrome c6; PDBTitle: crystallization and structural analysis of cytochrome c62 from the diatom phaeodactylum tricornutum at 1.5 a3 resolution
74	d1fcdc2	Alignment	not modelled	97.6	27	Fold: Cytochrome c Superfamily: Cytochrome c Family: Two-domain cytochrome c
75	c2zxyA_	Alignment	not modelled	97.5	25	PDB header: oxygen binding, transport protein Chain: A: PDB Molecule: cytochrome c552; PDBTitle: crystal structure of cytochrome c555 from aquifex aeolicus
76	d155ca_	Alignment	not modelled	97.5	16	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
77	d1c53a_	Alignment	not modelled	97.5	27	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
78	d1cc5a_	Alignment	not modelled	97.5	18	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
79	d1kv9a1	Alignment	not modelled	97.5	23	Fold: Cytochrome c Superfamily: Cytochrome c Family: Quinoprotein alcohol dehydrogenase, C-terminal domain
80	d1c52a_	Alignment	not modelled	97.5	20	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
81	d1e29a_	Alignment	not modelled	97.5	22	Fold: Cytochrome c Superfamily: Cytochrome c

					Family: monodomain cytochrome c
82	d1mz4a_	Alignment	not modelled	97.5	18 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
83	c2zszW_	Alignment	not modelled	97.5	21 PDB header: electron transport Chain: W: PDB Molecule: PDBTitle: crystal structure of cytochrome c554 from vibrio2 parahaemolyticus strain rimd2210633
84	c2v07A_	Alignment	not modelled	97.5	26 PDB header: photosynthesis Chain: A: PDB Molecule: cytochrome c6; PDBTitle: structure of the arabidopsis thaliana cytochrome c6a v52q2 variant
85	d1c6sa_	Alignment	not modelled	97.5	18 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
86	d1cnoa_	Alignment	not modelled	97.4	25 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
87	d1f1ca_	Alignment	not modelled	97.4	18 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
88	d1ctja_	Alignment	not modelled	97.4	14 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
89	d1hj3a1	Alignment	not modelled	97.3	29 Fold: Cytochrome c Superfamily: Cytochrome c Family: N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
90	c2zonG_	Alignment	not modelled	97.3	21 PDB header: oxidoreductase/electron transport Chain: G: PDB Molecule: cytochrome c551; PDBTitle: crystal structure of electron transfer complex of nitrite2 reductase with cytochrome c
91	d1gdva_	Alignment	not modelled	97.2	19 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
92	c1p84D_	Alignment	not modelled	97.1	24 PDB header: oxidoreductase Chain: D: PDB Molecule: cytochrome c1, heme protein; PDBTitle: hdbt inhibited yeast cytochrome bc1 complex
93	c3cu4A_	Alignment	not modelled	97.1	27 PDB header: electron transport Chain: A: PDB Molecule: cytochrome c family protein; PDBTitle: omcf, outer membrane cytochrome f from geobacter2 sulfurreducens
94	d1fcdc1	Alignment	not modelled	97.0	17 Fold: Cytochrome c Superfamily: Cytochrome c Family: Two-domain cytochrome c
95	d1h32a1	Alignment	not modelled	96.9	20 Fold: Cytochrome c Superfamily: Cytochrome c Family: Di-heme cytochrome c SoxA
96	c1w5cT_	Alignment	not modelled	96.9	9 PDB header: photosynthesis Chain: T: PDB Molecule: cytochrome c-550; PDBTitle: photosystem ii from thermosynechococcus elongatus
97	d1cyja_	Alignment	not modelled	96.9	20 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
98	d1dy7b1	Alignment	not modelled	96.9	12 Fold: Cytochrome c Superfamily: Cytochrome c Family: N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
99	d1ppjd1	Alignment	not modelled	96.8	21 Fold: Cytochrome c Superfamily: Cytochrome c Family: Cytochrome bc1 domain
100	d1nira1	Alignment	not modelled	96.8	13 Fold: Cytochrome c Superfamily: Cytochrome c Family: N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
101	d1h9xa1	Alignment	not modelled	96.8	11 Fold: Cytochrome c Superfamily: Cytochrome c Family: N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
102	d1hzua1	Alignment	not modelled	96.7	13 Fold: Cytochrome c Superfamily: Cytochrome c Family: N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
103	d1f1fa_	Alignment	not modelled	96.6	13 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
104	c2zooA_	Alignment	not modelled	96.6	16 PDB header: oxidoreductase Chain: A: PDB Molecule: probable nitrite reductase; PDBTitle: crystal structure of nitrite reductase from pseudoalteromonas2 haloplanktis tac125
105	d1dw0a_	Alignment	not modelled	96.6	24 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
106	d1gksa_	Alignment	not modelled	96.5	25 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
107	d1e2rb1	Alignment	not modelled	96.4	11 Fold: Cytochrome c Superfamily: Cytochrome c Family: N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
108	c3oa8B_	Alignment	not modelled	96.4	12 PDB header: heme-binding protein/heme-binding protei Chain: B: PDB Molecule: soxx;

					PDBTitle: di heme soxax
109	d1gu2a_	Alignment	not modelled	96.3	21 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
110	c2bpbB_	Alignment	not modelled	96.2	21 PDB header: oxidoreductase Chain: B: PDB Molecule: sulfite\cytochrome c oxidoreductase subunit b; PDBTitle: sulfite dehydrogenase from starkeya novella
111	c1nnoA_	Alignment	not modelled	96.0	18 PDB header: oxidoreductase Chain: A: PDB Molecule: nitrite reductase; PDBTitle: conformational changes occurring upon no binding in nitrite2 reductase from pseudomonas aeruginosa
112	c1pbyA_	Alignment	not modelled	95.8	20 PDB header: oxidoreductase Chain: A: PDB Molecule: quinoxemoprotein amine dehydrogenase 60 kda PDBTitle: structure of the phenylhydrazine adduct of the2 quinoxemoprotein amine dehydrogenase from paracoccus3 denitrificans at 1.7 a resolution
113	c1jmxA_	Alignment	not modelled	95.7	20 PDB header: oxidoreductase Chain: A: PDB Molecule: amine dehydrogenase; PDBTitle: crystal structure of a quinoxemoprotein amine dehydrogenase2 from pseudomonas putida
114	c1kb0A_	Alignment	not modelled	95.6	31 PDB header: oxidoreductase Chain: A: PDB Molecule: quinoxemoprotein alcohol dehydrogenase; PDBTitle: crystal structure of quinoxemoprotein alcohol dehydrogenase from2 comamonas testosteroni
115	c1kv9A_	Alignment	not modelled	95.2	30 PDB header: oxidoreductase Chain: A: PDB Molecule: type ii quinoxemoprotein alcohol dehydrogenase; PDBTitle: structure at 1.9 a resolution of a quinoxemoprotein alcohol2 dehydrogenase from pseudomonas putida hk5
116	d1h1oa1	Alignment	not modelled	95.2	11 Fold: Cytochrome c Superfamily: Cytochrome c Family: Two-domain cytochrome c
117	d1pbya1	Alignment	not modelled	95.1	38 Fold: Cytochrome c Superfamily: Cytochrome c Family: Quinoxemoprotein amine dehydrogenase A chain, domains 1 and 2
118	c1zrtD_	Alignment	not modelled	94.9	28 PDB header: oxidoreductase/metal transport Chain: D: PDB Molecule: cytochrome c1; PDBTitle: rhodobacter capsulatus cytochrome bc1 complex with2 stigmatellin bound
119	c3cwbQ_	Alignment	not modelled	94.7	32 PDB header: oxidoreductase Chain: Q: PDB Molecule: mitochondrial cytochrome c1, heme protein; PDBTitle: chicken cytochrome bc1 complex inhibited by an iodinated analogue of2 the polyketide crocacin-d
120	c2fynH_	Alignment	not modelled	94.6	42 PDB header: oxidoreductase Chain: H: PDB Molecule: cytochrome c1; PDBTitle: crystal structure analysis of the double mutant rhodobacter2 sphaeroides bc1 complex