

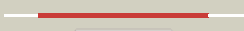





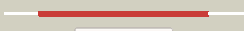


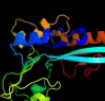




















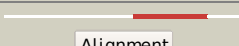
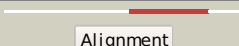



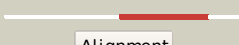
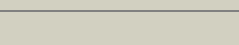
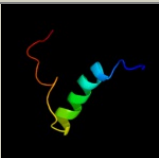

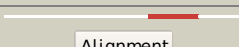





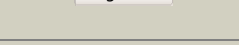
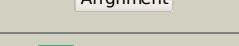
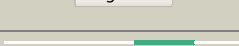
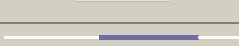




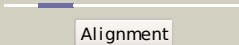


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2ivfB_	 Alignment		100.0	34	PDB header: oxidoreductase Chain: B: PDB Molecule: ethylbenzene dehydrogenase beta-subunit; PDBTitle: ethylbenzene dehydrogenase from aromatoleum aromaticum
2	c1ti2F_	 Alignment		100.0	27	PDB header: oxidoreductase Chain: F: PDB Molecule: pyrogallol hydroxytransferase small subunit; PDBTitle: crystal structure of pyrogallol-phloroglucinol2 transhydroxylase from pelobacter acidigallici
3	c1kqfB_	 Alignment		100.0	29	PDB header: oxidoreductase Chain: B: PDB Molecule: formate dehydrogenase, nitrate-inducible, iron-sulfur PDBTitle: formate dehydrogenase n from e. coli
4	d1kqfb1	 Alignment		100.0	28	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
5	c2vpyB_	 Alignment		100.0	46	PDB header: oxidoreductase Chain: B: PDB Molecule: nrfc protein; PDBTitle: polysulfide reductase with bound quinone inhibitor, 2 pentachlorophenol (pcp)
6	d1h0hb_	 Alignment		100.0	26	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
7	d1y5ib1	 Alignment		100.0	33	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
8	d1vlfm2	 Alignment		100.0	28	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
9	c2zvsB_	 Alignment		99.3	19	PDB header: electron transport Chain: B: PDB Molecule: uncharacterized ferredoxin-like protein yfhl; PDBTitle: crystal structure of the 2[4Fe-4S] ferredoxin from escherichia coli
10	c2fugG_	 Alignment		99.2	36	PDB header: oxidoreductase Chain: G: PDB Molecule: nadh-quinone oxidoreductase chain 9; PDBTitle: crystal structure of the hydrophilic domain of respiratory complex i2 from thermus thermophilus
11	d2fug91	 Alignment		99.2	36	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins

12	dlxera_	Alignment		99.2	36	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Archaeal ferredoxins
13	c2fgoA_	Alignment		99.1	18	PDB header: electron transport Chain: A: PDB Molecule: ferredoxin; PDBTitle: structure of the 2[4fe-4s] ferredoxin from pseudomonas2 aeruginosa
14	c2v2kB_	Alignment		99.1	21	PDB header: electron transport Chain: B: PDB Molecule: ferredoxin; PDBTitle: the crystal structure of fdxa, a 7fe ferredoxin from2 mycobacterium smegmatis
15	c3gyxJ_	Alignment		99.1	31	PDB header: oxidoreductase Chain: J: PDB Molecule: adenylylsulfate reductase; PDBTitle: crystal structure of adenylylsulfate reductase from2 desulfovibrio gigas
16	d1blua_	Alignment		99.1	18	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
17	d1hfeI2	Alignment		99.1	26	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
18	c1hfeL_	Alignment		99.1	22	PDB header: hydrogenase Chain: L: PDB Molecule: protein (fe-only hydrogenase (e.c.1.1.8.99.1) PDBTitle: 1.6 a resolution structure of the fe-only hydrogenase from2 desulfovibrio desulfuricans
19	d7fd1a_	Alignment		99.1	26	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
20	d3c8ya3	Alignment		99.1	25	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
21	c1gx7A_	Alignment	not modelled	99.1	23	PDB header: oxidoreductase Chain: A: PDB Molecule: periplasmic [fe] hydrogenase large subunit; PDBTitle: best model of the electron transfer complex between2 cytochrome c3 and [fe]-hydrogenase
22	d1rgva_	Alignment	not modelled	99.1	21	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
23	c1gthD_	Alignment	not modelled	99.0	23	PDB header: oxidoreductase Chain: D: PDB Molecule: dihydropyrimidine dehydrogenase; PDBTitle: dihydropyrimidine dehydrogenase (dpd) from pig, ternary2 complex with nadph and 5-iodouracil
24	d3c7bb1	Alignment	not modelled	99.0	23	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
25	d1jb0c_	Alignment	not modelled	99.0	40	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
26	d2c42a5	Alignment	not modelled	99.0	18	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
27	c2c3yA_	Alignment	not modelled	99.0	18	PDB header: oxidoreductase Chain: A: PDB Molecule: pyruvate-ferredoxin oxidoreductase; PDBTitle: crystal structure of the radical form of2 pyruvate:ferredoxin oxidoreductase from desulfovibrio3 africanus
28	d1h98a_	Alignment	not modelled	99.0	22	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin

29	d1jnrb_	Alignment	not modelled	98.9	19	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
30	d1gtea5	Alignment	not modelled	98.9	23	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
31	d1bc6a_	Alignment	not modelled	98.9	25	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
32	c2gmhA_	Alignment	not modelled	98.9	28	PDB header: oxidoreductase Chain: A: PDB Molecule: electron transfer flavoprotein-ubiquinone PDBTitle: structure of porcine electron transfer flavoprotein-2 ubiquinone oxidoreductase in complexed with ubiquinone
33	d2fdna_	Alignment	not modelled	98.8	32	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
34	d1dura_	Alignment	not modelled	98.8	28	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
35	d1fcaa_	Alignment	not modelled	98.8	32	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
36	d1clfa_	Alignment	not modelled	98.8	32	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
37	d2fug34	Alignment	not modelled	98.7	23	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
38	c1c4cA_	Alignment	not modelled	98.7	21	PDB header: oxidoreductase Chain: A: PDB Molecule: protein (fe-only hydrogenase); PDBTitle: binding of exogenously added carbon monoxide at the active2 site of the fe-only hydrogenase (cpi) from clostridium3 pasteurianum
39	d1iqza_	Alignment	not modelled	98.6	26	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
40	d1vjwa_	Alignment	not modelled	98.6	29	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
41	d1sj1a_	Alignment	not modelled	98.6	30	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
42	d2gmha3	Alignment	not modelled	98.6	19	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: ETF-QO domain-like
43	c1dw1A_	Alignment	not modelled	98.5	25	PDB header: electron transfer Chain: A: PDB Molecule: ferredoxin i; PDBTitle: the ferredoxin-cytochrome complex using heteronuclear nmr2 and docking simulation
44	d1fxra_	Alignment	not modelled	98.4	21	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
45	c3c7bE_	Alignment	not modelled	98.3	25	PDB header: oxidoreductase Chain: E: PDB Molecule: sulfite reductase, dissimilatory-type subunit beta; PDBTitle: structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
46	c2v4jE_	Alignment	not modelled	98.2	19	PDB header: oxidoreductase Chain: E: PDB Molecule: sulfite reductase, dissimilatory-type subunit PDBTitle: the crystal structure of desulfovibrio vulgaris2 dissimilatory sulfite reductase bound to dsrC provides3 novel insights into the mechanism of sulfate respiration
47	c2fugC_	Alignment	not modelled	98.1	17	PDB header: oxidoreductase Chain: C: PDB Molecule: inadh-quinone oxidoreductase chain 3; PDBTitle: crystal structure of the hydrophilic domain of respiratory complex i2 from thermus thermophilus
48	c3bk7A_	Alignment	not modelled	98.1	31	PDB header: hydrolyase/translation Chain: A: PDB Molecule: abc transporter atp-binding protein; PDBTitle: structure of the complete abce1/rnaase-l inhibitor protein2 from pyrococcus abyssi
49	c3c7bA_	Alignment	not modelled	97.8	18	PDB header: oxidoreductase Chain: A: PDB Molecule: sulfite reductase, dissimilatory-type subunit alpha; PDBTitle: structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
50	c2v4jA_	Alignment	not modelled	97.8	15	PDB header: oxidoreductase Chain: A: PDB Molecule: sulfite reductase, dissimilatory-type subunit PDBTitle: the crystal structure of desulfovibrio vulgaris2 dissimilatory sulfite reductase bound to dsrC provides3 novel insights into the mechanism of sulfate respiration
51	d2bs2b1	Alignment	not modelled	97.5	21	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
52	d1kf6b1	Alignment	not modelled	97.2	27	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
53	c2bs2E_	Alignment	not modelled	96.8	28	PDB header: oxidoreductase Chain: E: PDB Molecule: quinol-fumarate reductase iron-sulfur subunit b; PDBTitle: quinol:fumarate reductase from wolinella succinogenes

54	c1nekB		Alignment	not modelled	96.7	19	PDB header: oxidoreductase/electron transport protein; Chain: B: PDB Molecule: succinate dehydrogenase iron-sulfur protein; PDBTitle: complex ii (succinate dehydrogenase) from e. coli with2 ubiquinone bound
55	d1nekb1		Alignment	not modelled	96.7	19	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
56	c2h89B		Alignment	not modelled	96.7	21	PDB header: oxidoreductase Chain: B: PDB Molecule: succinate dehydrogenase ip subunit; PDBTitle: avian respiratory complex ii with malonate bound
57	c3cf4A		Alignment	not modelled	96.6	23	PDB header: oxidoreductase Chain: A: PDB Molecule: acetyl-coa decarboxylase/synthase alpha subunit; PDBTitle: structure of the codh component of the m. barkeri acds complex
58	c2b76N		Alignment	not modelled	96.6	26	PDB header: oxidoreductase Chain: N: PDB Molecule: fumarate reductase iron-sulfur protein; PDBTitle: e. coli quinol fumarate reductase frda e49q mutation
59	d2v4jb1		Alignment	not modelled	96.2	29	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
60	c2vdcI		Alignment	not modelled	93.3	17	PDB header: oxidoreductase Chain: I: PDB Molecule: glutamate synthase [nadh] small chain; PDBTitle: the 9.5 a resolution structure of glutamate synthase from2 cryo-electron microscopy and its oligomerization behavior3 in solution: functional implications.
61	c2pq4B		Alignment		91.5	29	PDB header: chaperone/oxidoreductase Chain: B: PDB Molecule: periplasmic nitrate reductase precursor; PDBTitle: nmr solution structure of napd in complex with napa1-352 signal peptide
62	d3c7ba1		Alignment	not modelled	90.6	31	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
63	c2e76D		Alignment	not modelled	85.5	19	PDB header: photosynthesis Chain: D: PDB Molecule: cytochrome b6-f complex iron-sulfur subunit; PDBTitle: crystal structure of the cytochrome b6f complex with tridecyl-2 stigmatellin (tds) from m.laminosus
64	d2v4ja1		Alignment	not modelled	81.6	29	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
65	c2fynO		Alignment	not modelled	78.2	29	PDB header: oxidoreductase Chain: O: PDB Molecule: ubiquinol-cytochrome c reductase iron-sulfur PDBTitle: crystal structure analysis of the double mutant rhodobacter2 sphaeroides bc1 complex
66	c1p84E		Alignment	not modelled	72.2	13	PDB header: oxidoreductase Chain: E: PDB Molecule: ubiquinol-cytochrome c reductase iron-sulfur PDBTitle: hdbt inhibited yeast cytochrome bc1 complex
67	c2fyuE		Alignment	not modelled	59.8	20	PDB header: oxidoreductase Chain: E: PDB Molecule: ubiquinol-cytochrome c reductase iron-sulfur subunit; PDBTitle: crystal structure of bovine heart mitochondrial bc1 with jg1442 inhibitor
68	d1gtea1		Alignment	not modelled	57.4	27	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Dihydropyrimidine dehydrogenase, N-terminal domain
69	c2htfA		Alignment	not modelled	44.7	62	PDB header: transferase Chain: A: PDB Molecule: dna polymerase mu; PDBTitle: the solution structure of the brct domain from human2 polymerase reveals homology with the tdt brct domain
70	d1fxda		Alignment	not modelled	42.7	21	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
71	c1moxB		Alignment	not modelled	17.0	17	PDB header: transferase/growth factor Chain: B: PDB Molecule: epidermal growth factor receptor; PDBTitle: crystal structure of human epidermal growth factor receptor (residues2 1-501) in complex with tgf-alpha
72	c1g8jC		Alignment	not modelled	16.9	26	PDB header: oxidoreductase Chain: C: PDB Molecule: arsenite oxidase; PDBTitle: crystal structure analysis of arsenite oxidase from2 alcaligenes faecalis
73	d1djqa3		Alignment	not modelled	15.7	40	Fold: Nucleotide-binding domain Superfamily: Nucleotide-binding domain Family: N-terminal domain of adrenodoxin reductase-like
74	c2a91A		Alignment	not modelled	13.7	23	PDB header: signaling protein,transferase,membrane p Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-2; PDBTitle: crystal structure of erbb2 domains 1-3
75	d1yuza2		Alignment	not modelled	11.8	24	Fold: Rubredoxin-like Superfamily: Rubredoxin-like Family: Rubredoxin
76	d2adra2		Alignment	not modelled	10.3	43	Fold: beta-beta-alpha zinc fingers Superfamily: beta-beta-alpha zinc fingers Family: Classic zinc finger, C2H2
77	c2eqpA		Alignment	not modelled	10.2	17	PDB header: transcription Chain: A: PDB Molecule: tumor necrosis factor receptor superfamily PDBTitle: solution structure of the stn_tnfrsf12a_tnfr domain of2 tumor necrosis factor receptor superfamily member 12a3 precursor

78	c2fugA_	Alignment	not modelled	9.9	23	PDB header: oxidoreductase Chain: A: PDB Molecule: nadh-quinone oxidoreductase chain 1; PDBTitle: crystal structure of the hydrophilic domain of respiratory complex i2 from thermus thermophilus
79	d2e74d2	Alignment	not modelled	8.0	22	Fold: Single transmembrane helix Superfamily: ISP transmembrane anchor Family: ISP transmembrane anchor
80	c2hr7B_	Alignment	not modelled	7.3	15	PDB header: transferase Chain: B: PDB Molecule: insulin receptor; PDBTitle: insulin receptor (domains 1-3)
81	d1lkoa2	Alignment	not modelled	7.2	24	Fold: Rubredoxin-like Superfamily: Rubredoxin-like Family: Rubredoxin
82	c2a45J_	Alignment	not modelled	7.1	23	PDB header: hydrolase/hydrolase inhibitor Chain: J: PDB Molecule: fibrinogen alpha chain; PDBTitle: crystal structure of the complex between thrombin and the central "e"2 region of fibrin
83	c3gteB_	Alignment	not modelled	7.0	21	PDB header: electron transport, oxidoreductase Chain: B: PDB Molecule: ddmc; PDBTitle: crystal structure of dicamba monooxygenase with non-heme2 iron
84	c2ja1A_	Alignment	not modelled	7.0	13	PDB header: transferase Chain: A: PDB Molecule: thymidine kinase; PDBTitle: thymidine kinase from b. cereus with ttp bound as phosphate2 donor.
85	c1yv0I_	Alignment	not modelled	7.0	33	PDB header: contractile protein Chain: I: PDB Molecule: troponin i, fast skeletal muscle; PDBTitle: crystal structure of skeletal muscle troponin in the ca2+-2 free state
86	c3d89A_	Alignment	not modelled	6.9	27	PDB header: electron transport Chain: A: PDB Molecule: rieske domain-containing protein; PDBTitle: crystal structure of a soluble rieske ferredoxin from mus musculus
87	d2r4qa1	Alignment	not modelled	6.9	38	Fold: Phosphotyrosine protein phosphatases I-like Superfamily: PTS system IIB component-like Family: PTS system, Fructose specific IIB subunit-like
88	c2dunA_	Alignment	not modelled	6.0	44	PDB header: transferase Chain: A: PDB Molecule: dna polymerase mu; PDBTitle: solution structure of brct domain of dna polymerase mu
89	c2ww9B_	Alignment	not modelled	6.0	7	PDB header: ribosome Chain: B: PDB Molecule: protein transport protein sss1; PDBTitle: cryo-em structure of the active yeast ssh1 complex bound to the2 yeast 80s ribosome
90	d1nnqa2	Alignment	not modelled	5.7	28	Fold: Rubredoxin-like Superfamily: Rubredoxin-like Family: Rubredoxin
91	d1dxga_	Alignment	not modelled	5.6	12	Fold: Rubredoxin-like Superfamily: Rubredoxin-like Family: Desulforedoxin
92	c3geiB_	Alignment	not modelled	5.5	50	PDB header: hydrolase Chain: B: PDB Molecule: trna modification gtpase mnme; PDBTitle: crystal structure of mnme from chlorobium tepidum in complex2 with gcp
93	c1ytzl_	Alignment	not modelled	5.3	29	PDB header: contractile protein Chain: I: PDB Molecule: troponin i; PDBTitle: crystal structure of skeletal muscle troponin in the ca2+-2 activated state