



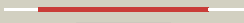














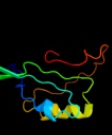






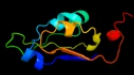


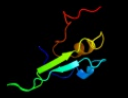

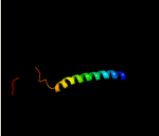



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1kqfB_	 Alignment		99.9	29	PDB header: oxidoreductase Chain: B; PDB Molecule: formate dehydrogenase, nitrate-inducible, iron-sulfur PDBTitle: formate dehydrogenase n from e. coli
2	c2ivfB_	 Alignment		99.9	33	PDB header: oxidoreductase Chain: B; PDB Molecule: ethylbenzene dehydrogenase beta-subunit; PDBTitle: ethylbenzene dehydrogenase from aromatoleum aromaticum
3	d1kqfb1	 Alignment		99.9	25	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
4	c2vpyB_	 Alignment		99.9	25	PDB header: oxidoreductase Chain: B; PDB Molecule: nrfc protein; PDBTitle: polysulfide reductase with bound quinone inhibitor, 2 pentachlorophenol (pcp)
5	d1h0hb_	 Alignment		99.9	20	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
6	c1ti2F_	 Alignment		99.9	23	PDB header: oxidoreductase Chain: F; PDB Molecule: pyrogallol hydroxytransferase small subunit; PDBTitle: crystal structure of pyrogallol-phloroglucinol2 transhydroxylase from pelobacter acidigallici
7	d1y5ib1	 Alignment		99.9	31	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
8	d1vifn2	 Alignment		99.8	22	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
9	c2fugG_	 Alignment		99.4	18	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
10	d2fug91	 Alignment		99.4	18	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
11	d1xera_	 Alignment		99.3	23	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Archaeal ferredoxins

12	c2c3yA_	Alignment		99.2	24	PDB header: oxidoreductase Chain: A: PDB Molecule: pyruvate-ferredoxin oxidoreductase; PDBTitle: crystal structure of the radical form of2 pyruvate:ferredoxin oxidoreductase from desulfovibrio3 africanus
13	d2c42a5	Alignment		99.2	23	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
14	c1gthD_	Alignment		99.1	31	PDB header: oxidoreductase Chain: D: PDB Molecule: dihydropyrimidine dehydrogenase; PDBTitle: dihydropyrimidine dehydrogenase (dpd) from pig, ternary2 complex with nadph and 5-iodouracil
15	c2gmhA_	Alignment		99.1	17	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
16	d1jb0c_	Alignment		99.0	22	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
17	c3gyxl_	Alignment		99.0	26	PDB header: oxidoreductase Chain: J: PDB Molecule: adenylylsulfate reductase; PDBTitle: crystal structure of adenylylsulfate reductase from2 desulfovibrio gigas
18	d7fd1a_	Alignment		99.0	31	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
19	d1blua_	Alignment		99.0	23	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
20	d1hfel2	Alignment		99.0	32	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
21	c2zvsB_	Alignment	not modelled	99.0	21	PDB header: electron transport Chain: B: PDB Molecule: uncharacterized ferredoxin-like protein yfh1; PDBTitle: crystal structure of the 2[4fe-4s] ferredoxin from escherichia coli
22	c2fgoA_	Alignment	not modelled	99.0	21	PDB header: electron transport Chain: A: PDB Molecule: ferredoxin; PDBTitle: structure of the 2[4fe-4s] ferredoxin from pseudomonas2 aeruginosa
23	d1rgva_	Alignment	not modelled	99.0	23	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
24	d1bc6a_	Alignment	not modelled	99.0	26	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
25	d2fug34	Alignment	not modelled	99.0	22	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
26	d1gtea5	Alignment	not modelled	99.0	18	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
27	d1jnrb_	Alignment	not modelled	98.9	31	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
28	d1dura_	Alignment	not modelled	98.9	32	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
						PDB header: hydrolase/translation

29	c3bk7A_	Alignment	not modelled	98.9	32	Chain: A: PDB Molecule: abc transporter atp-binding protein; PDBTitle: structure of the complete abce1/rnaase-i inhibitor protein2 from pyrococcus abyssi
30	d2fdna_	Alignment	not modelled	98.9	33	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
31	d1h98a_	Alignment	not modelled	98.9	22	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
32	d1clfa_	Alignment	not modelled	98.9	38	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
33	c1hfeL_	Alignment	not modelled	98.9	18	PDB header: hydrogenase Chain: L: PDB Molecule: protein (fe-only hydrogenase (e.c.1.18.99.1) PDBTitle: 1.6 a resolution structure of the fe-only hydrogenase from2 desulfovibrio desulfuricans
34	d1fcaa_	Alignment	not modelled	98.9	35	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
35	c2fugC_	Alignment	not modelled	98.8	21	PDB header: oxidoreductase Chain: C: PDB Molecule: nadh-quinone oxidoreductase chain 3; PDBTitle: crystal structure of the hydrophilic domain of respiratory complex i2 from thermus thermophilus
36	d3c8ya3	Alignment	not modelled	98.8	23	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
37	d2gmha3	Alignment	not modelled	98.8	16	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: ETF-QO domain-like
38	c3c7bE_	Alignment	not modelled	98.8	23	PDB header: oxidoreductase Chain: E: PDB Molecule: sulfite reductase, dissimilatory-type subunit beta; PDBTitle: structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
39	c1c4cA_	Alignment	not modelled	98.7	27	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
40	d3c7bb1	Alignment	not modelled	98.7	31	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
41	c2v2kB_	Alignment	not modelled	98.7	26	PDB header: electron transport Chain: B: PDB Molecule: ferredoxin; PDBTitle: the crystal structure of fdxa, a 7fe ferredoxin from2 mycobacterium smegmatis
42	c2v4jE_	Alignment	not modelled	98.6	14	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
43	d1iqza_	Alignment	not modelled	98.6	22	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
44	c1gx7A_	Alignment	not modelled	98.6	27	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
45	d1vjwa_	Alignment	not modelled	98.6	27	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
46	c3c7bA_	Alignment	not modelled	98.3	18	PDB header: oxidoreductase Chain: A: PDB Molecule: sulfite reductase, dissimilatory-type subunit alpha; PDBTitle: structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
47	c1dw1A_	Alignment	not modelled	98.2	24	PDB header: electron transfer Chain: A: PDB Molecule: ferredoxin i; PDBTitle: the ferredoxin-cytochrome complex using heteronuclear nmr2 and docking simulation
48	d1sj1a_	Alignment	not modelled	98.1	20	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
49	c2v4jA_	Alignment	not modelled	98.1	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
50	d2bs2b1	Alignment	not modelled	97.9	20	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
51	d1fxra_	Alignment	not modelled	97.9	21	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
52	d1kf6b1	Alignment	not modelled	97.8	23	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
53	c2b76N_	Alignment	not modelled	97.8	20	PDB header: oxidoreductase Chain: N: PDB Molecule: fumarate reductase iron-sulfur protein;

						PDBTitle: e. coli quinol fumarate reductase frda e49q mutation
54	c2bs2E_	Alignment	not modelled	97.7	20	PDB header: oxidoreductase Chain: E: PDB Molecule: quinol-fumarate reductase iron-sulfur subunit b; PDBTitle: quinol:fumarate reductase from wolinella succinogenes
55	c1nekB_	Alignment	not modelled	97.7	20	PDB header: oxidoreductase/electron transport Chain: B: PDB Molecule: succinate dehydrogenase iron-sulfur protein; PDBTitle: complex ii (succinate dehydrogenase) from e. coli with2 ubiquinone bound
56	d1nekbl	Alignment	not modelled	97.6	19	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
57	c2h89B_	Alignment	not modelled	97.6	18	PDB header: oxidoreductase Chain: B: PDB Molecule: succinate dehydrogenase ip subunit; PDBTitle: avian respiratory complex ii with malonate bound
58	c3cf4A_	Alignment	not modelled	97.3	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
59	d2v4jb1	Alignment	not modelled	97.3	24	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
60	c2vdcl_	Alignment	not modelled	96.7	21	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	c2e76D_	Alignment		95.8	23	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
62	c1p84E_	Alignment		92.7	15	PDB header: oxidoreductase Chain: E: PDB Molecule: ubiquinol-cytochrome c reductase iron-sulfur PDBTitle: hdbt inhibited yeast cytochrome bc1 complex
63	d2v4ja1	Alignment	not modelled	91.7	26	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
64	d3c7ba1	Alignment	not modelled	91.7	32	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
65	c2fynO_	Alignment	not modelled	86.1	25	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	c2fyuE_	Alignment	not modelled	81.0	18	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
67	d1gtea1	Alignment	not modelled	77.3	47	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Dihydropyrimidine dehydrogenase, N-terminal domain
68	d1fxda_	Alignment	not modelled	76.7	25	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
69	d2e74d2	Alignment	not modelled	62.2	24	Fold: Single transmembrane helix Superfamily: ISP transmembrane anchor Family: ISP transmembrane anchor
70	c2pq4B_	Alignment	not modelled	59.7	27	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
71	d1q90r_	Alignment	not modelled	57.5	27	Fold: Single transmembrane helix Superfamily: ISP transmembrane anchor Family: ISP transmembrane anchor
72	c1q90R_	Alignment	not modelled	57.5	27	PDB header: photosynthesis Chain: R: PDB Molecule: cytochrome b6-f complex iron-sulfur subunit; PDBTitle: structure of the cytochrome b6f (plastohydroquinone : plastocyanin2 oxidoreductase) from chlamydomonas reinhardtii
73	c1q8jC_	Alignment	not modelled	49.2	15	PDB header: oxidoreductase Chain: C: PDB Molecule: arsenite oxidase; PDBTitle: crystal structure analysis of arsenite oxidase from2 alcaligenes faecalis
74	c3o0rC_	Alignment	not modelled	36.9	11	PDB header: immune system/oxidoreductase Chain: C: PDB Molecule: nitric oxide reductase subunit c; PDBTitle: crystal structure of nitric oxide reductase from pseudomonas2 aeruginosa in complex with antibody fragment
75	c2dtgE_	Alignment	not modelled	26.9	30	PDB header: hormone receptor/immune system Chain: E: PDB Molecule: insulin receptor; PDBTitle: insulin receptor (ir) ectodomain in complex with fab's
76	d1rhzb_	Alignment	not modelled	26.7	25	Fold: Single transmembrane helix Superfamily: Preprotein translocase SecE subunit

						Family: Preprotein translocase SecE subunit
77	c1moxB_	Alignment	not modelled	22.9	20	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
78	c2ww9B_	Alignment	not modelled	22.3	24	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
79	c2htfA_	Alignment	not modelled	17.5	25	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
80	c2a91A_	Alignment	not modelled	16.3	20	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
81	d1ssla_	Alignment	not modelled	11.9	40	Fold: Trefoil/Plexin domain-like Superfamily: Plexin repeat Family: Plexin repeat
82	c2wwbB_	Alignment	not modelled	10.8	33	PDB header: ribosome Chain: B: PDB Molecule: protein transport protein sec61 subunit gamma; PDBTitle: cryo-em structure of the mammalian sec61 complex bound to the2 actively translating wheat germ 80s ribosome
83	c2o01H_	Alignment	not modelled	7.5	17	PDB header: photosynthesis Chain: H: PDB Molecule: photosystem i reaction center subunit vi, PDBTitle: the structure of a plant photosystem i supercomplex at 3.42 angstrom resolution
84	c2p0gB_	Alignment	not modelled	7.5	13	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: selenoprotein w-related protein; PDBTitle: crystal structure of selenoprotein w-related protein from2 vibrio cholerae. northeast structural genomics target vcr75
85	d1djqa3	Alignment	not modelled	7.5	21	Fold: Nucleotide-binding domain Superfamily: Nucleotide-binding domain Family: N-terminal domain of adrenodoxin reductase-like
86	c3dexA_	Alignment	not modelled	7.4	27	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: sav_2001; PDBTitle: crystal structure of sav_2001 protein from streptomyces2 avermitilis, northeast structural genomics consortium3 target svr107.
87	d2fa8a1	Alignment	not modelled	7.3	29	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Selenoprotein W-related
88	c2obkE_	Alignment	not modelled	7.2	36	PDB header: structural genomics, unknown function Chain: E: PDB Molecule: sel/selw/selh selenoprotein domain; PDBTitle: x-ray structure of the putative se binding protein from pseudomonas2 fluorescens. northeast structural genomics consortium target plr6.
89	c2jz2A_	Alignment	not modelled	6.0	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: ssl0352 protein; PDBTitle: solution nmr structure of ssl0352 protein from synechocystis sp. pcc2 6803. northeast structural genomics consortium target sgr42
90	d1m3va1	Alignment	not modelled	5.4	40	Fold: Glucocorticoid receptor-like (DNA-binding domain) Superfamily: Glucocorticoid receptor-like (DNA-binding domain) Family: LIM domain
91	c2ojlB_	Alignment	not modelled	5.4	31	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of q7waf1_borpa from bordetella parapertussis.2 northeast structural genomics target bpr68.
92	c3lw5H_	Alignment	not modelled	5.2	12	PDB header: photosynthesis Chain: H: PDB Molecule: putative uncharacterized protein; PDBTitle: improved model of plant photosystem i