




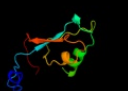







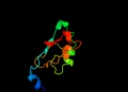





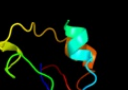








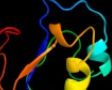


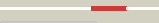






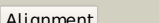


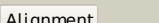
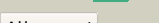
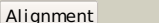
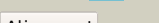



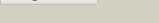
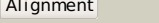
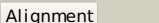




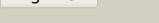
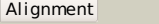


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1gx7A_	 Alignment		98.8	22	PDB header: oxidoreductase Chain: A: PDB Molecule: periplasmic [fe] hydrogenase large subunit; PDBTitle: best model of the electron transfer complex between2 cytochrome c3 and [fe]-hydrogenase
2	c1kqfB_	 Alignment		98.8	29	PDB header: oxidoreductase Chain: B: PDB Molecule: formate dehydrogenase, nitrate-inducible, iron-sulfur PDBTitle: formate dehydrogenase n from e. coli
3	d1gtea5	 Alignment		98.8	27	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
4	c1hfeL_	 Alignment		98.8	22	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
5	c2fugG_	 Alignment		98.8	32	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
6	d2fug91	 Alignment		98.8	32	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
7	c2c3yA_	 Alignment		98.7	29	PDB header: oxidoreductase Chain: A: PDB Molecule: pyruvate-ferredoxin oxidoreductase; PDBTitle: crystal structure of the radical form of2 pyruvate:ferredoxin oxidoreductase from desulfovibrio3 africanus
8	d1kqfb1	 Alignment		98.7	32	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
9	c1gthD_	 Alignment		98.7	25	PDB header: oxidoreductase Chain: D: PDB Molecule: dihydropyrimidine dehydrogenase; PDBTitle: dihydropyrimidine dehydrogenase (dpd) from pig, ternary2 complex with nadph and 5-iodouracil
10	c1c4cA_	 Alignment		98.7	25	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
11	d1xera_	 Alignment		98.6	28	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Archaeal ferredoxins

12	d1dura_	Alignment		98.6	29	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
13	d2fdna_	Alignment		98.6	31	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
14	c2vpyB_	Alignment		98.6	31	PDB header: oxidoreductase Chain: B: PDB Molecule: nrhc protein; PDBTitle: polysulfide reductase with bound quinone inhibitor,2 pentachlorophenol (pcp)
15	d1vjwa_	Alignment		98.6	24	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
16	d1y5ib1	Alignment		98.6	20	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
17	c1ti2F_	Alignment		98.6	16	PDB header: oxidoreductase Chain: F: PDB Molecule: pyrogallol hydroxytransferase small subunit; PDBTitle: crystal structure of pyrogallol-phloroglucinol2 transhydroxylase from pelobacter acidigallici
18	d1iqza_	Alignment		98.6	24	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
19	d1hfel2	Alignment		98.6	21	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
20	d7fd1a_	Alignment		98.6	24	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
21	d1h0hb_	Alignment	not modelled	98.6	17	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
22	c2ivfB_	Alignment	not modelled	98.6	22	PDB header: oxidoreductase Chain: B: PDB Molecule: ethylbenzene dehydrogenase beta-subunit; PDBTitle: ethylbenzene dehydrogenase from aromatoeum aromaticum
23	c3gyxJ_	Alignment	not modelled	98.5	25	PDB header: oxidoreductase Chain: J: PDB Molecule: adenylylsulfate reductase; PDBTitle: crystal structure of adenylylsulfate reductase from2 desulfovibrio gigas
24	d1jnrB_	Alignment	not modelled	98.5	25	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
25	d1jb0c_	Alignment	not modelled	98.5	31	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
26	d1bc6a_	Alignment	not modelled	98.5	27	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
27	d1fcaa_	Alignment	not modelled	98.5	29	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
28	d3c8ya3	Alignment	not modelled	98.4	25	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
						Fold: Ferredoxin-like

29	d1h98a_	Alignment	not modelled	98.4	30	Superfamily: 4Fe-4S ferredoxins Family: 7-Fe ferredoxin
30	c2gmhA_	Alignment	not modelled	98.4	22	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
31	d2fug34	Alignment	not modelled	98.4	17	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
32	d1sj1a_	Alignment	not modelled	98.4	25	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
33	c2zvsB_	Alignment	not modelled	98.4	25	PDB header: electron transport Chain: B: PDB Molecule: uncharacterized ferredoxin-like protein yfhI; PDBTitle: crystal structure of the 2[4fe-4s] ferredoxin from escherichia coli
34	d1clfA_	Alignment	not modelled	98.3	33	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
35	c2fugC_	Alignment	not modelled	98.3	20	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	d1rgva_	Alignment	not modelled	98.3	24	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
37	d1blua_	Alignment	not modelled	98.3	24	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Short-chain ferredoxins
38	d2c42a5	Alignment	not modelled	98.3	28	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
39	c2v2kB_	Alignment	not modelled	98.2	24	PDB header: electron transport Chain: B: PDB Molecule: ferredoxin; PDBTitle: the crystal structure of fdxa, a 7fe ferredoxin from2 mycobacterium smegmatis
40	d1vlfn2	Alignment	not modelled	98.2	19	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
41	c1dwIA_	Alignment	not modelled	98.2	21	PDB header: electron transfer Chain: A: PDB Molecule: ferredoxin i; PDBTitle: the ferredoxin-cytochrome complex using heteronuclear nmr2 and docking simulation
42	c2fgoA_	Alignment	not modelled	98.2	25	PDB header: electron transport Chain: A: PDB Molecule: ferredoxin; PDBTitle: structure of the 2[4fe-4s] ferredoxin from pseudomonas2 aeruginosa
43	d1fxra_	Alignment	not modelled	98.1	23	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
44	c3c7bE_	Alignment	not modelled	98.0	24	PDB header: oxidoreductase Chain: E: PDB Molecule: sulfite reductase, dissimilatory-type subunit beta; PDBTitle: structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
45	d2gmha3	Alignment	not modelled	98.0	22	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: ETF-QO domain-like
46	c2v4jE_	Alignment	not modelled	98.0	24	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	c3c7bA_	Alignment	not modelled	97.7	22	PDB header: oxidoreductase Chain: A: PDB Molecule: sulfite reductase, dissimilatory-type subunit alpha; PDBTitle: structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
48	c2v4iA_	Alignment	not modelled	97.6	20	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
49	d3c7bb1	Alignment	not modelled	97.6	20	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
50	d1nekb1	Alignment	not modelled	97.5	31	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
51	d1kf6b1	Alignment	not modelled	97.5	31	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
52	d2bs2b1	Alignment	not modelled	97.5	24	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
53	c1nekb_	Alignment	not modelled	97.4	32	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

54	c2h89B_	 Alignment	not modelled	97.4	29	PDB header: oxidoreductase Chain: B: PDB Molecule: succinate dehydrogenase ip subunit; PDBTitle: avian respiratory complex ii with malonate bound
55	c2b76N_	 Alignment	not modelled	97.4	29	PDB header: oxidoreductase Chain: N: PDB Molecule: fumarate reductase iron-sulfur protein; PDBTitle: e. coli quinol fumarate reductase frda e49q mutation
56	c2bs2E_	 Alignment	not modelled	97.4	28	PDB header: oxidoreductase Chain: E: PDB Molecule: quinol-fumarate reductase iron-sulfur subunit b; PDBTitle: quinol:fumarate reductase from wolinetella succinogenes
57	c3cf4A_	 Alignment	not modelled	97.3	34	PDB header: oxidoreductase Chain: A: PDB Molecule: acetyl-coa decarboxylase/synthase alpha subunit; PDBTitle: structure of the codh component of the m. barkeri acids complex
58	c3bk7A_	 Alignment	not modelled	97.3	22	PDB header: hydrolyase/translation Chain: A: PDB Molecule: abc transporter atp-binding protein; PDBTitle: structure of the complete abc1/rnaase-l inhibitor protein2 from pyrococcus abyssi
59	c2vdcl_	 Alignment	not modelled	95.7	36	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.
60	d2v4ja1	 Alignment	not modelled	93.7	28	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
61	d3c7ba1	 Alignment	not modelled	93.3	28	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
62	d2v4jb1	 Alignment	not modelled	88.8	32	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Ferredoxin domains from multidomain proteins
63	d1gtea1	 Alignment	not modelled	67.9	32	Fold: Globin-like Superfamily: alpha-helical ferredoxin Family: Dihydropyrimidine dehydrogenase, N-terminal domain
64	c2dtgE_	 Alignment	not modelled	66.5	24	PDB header: hormone receptor/immune system Chain: E: PDB Molecule: insulin receptor; PDBTitle: insulin receptor (ir) ectodomain in complex with fab's
65	d1fxda_	 Alignment	not modelled	44.9	20	Fold: Ferredoxin-like Superfamily: 4Fe-4S ferredoxins Family: Single 4Fe-4S cluster ferredoxin
66	c1g8jC_	 Alignment	not modelled	34.1	16	PDB header: oxidoreductase Chain: C: PDB Molecule: arsenite oxidase; PDBTitle: crystal structure analysis of arsenite oxidase from2 alcaligenes faecalis
67	c1igrA_	 Alignment	not modelled	33.9	26	PDB header: hormone receptor Chain: A: PDB Molecule: insulin-like growth factor receptor 1; PDBTitle: type 1 insulin-like growth factor receptor (domains 1-3)
68	c2hr7B_	 Alignment	not modelled	33.8	25	PDB header: transferase Chain: B: PDB Molecule: insulin receptor; PDBTitle: insulin receptor (domains 1-3)
69	d3cx5c2	 Alignment	not modelled	31.3	25	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
70	c2fugA_	 Alignment	not modelled	25.3	19	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
71	c2eoyA_	 Alignment	not modelled	24.9	46	PDB header: transcription Chain: A: PDB Molecule: zinc finger protein 473; PDBTitle: solution structure of the c2h2 type zinc finger (region 557-2 589) of human zinc finger protein 473
72	d1ofda2	 Alignment	not modelled	20.7	37	Fold: TIM beta/alpha-barrel Superfamily: FMN-linked oxidoreductases Family: FMN-linked oxidoreductases
73	c2l3ka_	 Alignment	not modelled	19.0	21	PDB header: oncoprotein Chain: A: PDB Molecule: rhombotin-2, linker, lim domain-binding protein 1; PDBTitle: solution structure of lmo2(lim2)-ldb1(lid)
74	d1ea0a2	 Alignment	not modelled	17.1	33	Fold: TIM beta/alpha-barrel Superfamily: FMN-linked oxidoreductases Family: FMN-linked oxidoreductases
75	c1x4lA_	 Alignment	not modelled	16.1	14	PDB header: metal binding protein Chain: A: PDB Molecule: skeletal muscle lim-protein 3; PDBTitle: solution structure of lim domain in four and a half lim2 domains protein 2
76	c1moxB_	 Alignment	not modelled	15.5	24	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
77	c2l6yB_	 Alignment	not modelled	15.4	23	PDB header: transcription regulation/oncoprotein Chain: B: PDB Molecule: lim domain only 2, linker, lim domain-binding protein 1; PDBTitle: haddock model of gata1nf:lmo2lim2-ldb1lid
78	d2dkta2	 Alignment	not modelled	15.2	30	Fold: Zinc hairpin stack Superfamily: Zinc hairpin stack Family: Zinc hairpin stack
79	c1x64A_	 Alignment	not modelled	14.0	27	PDB header: contractile protein Chain: A: PDB Molecule: alpha-actinin-2 associated lim protein; PDBTitle: solution structure of the lim domain of alpha-actinin-22 associated lim protein PDB header: metal binding protein

80	c2co8A_	Alignment	not modelled	13.8	18	Chain: A: PDB Molecule: nedd9 interacting protein with calponin homology PDBTitle: solution structures of the lim domain of human nedd92 interacting protein with calponin homology and lim domains
81	c3mjhD_	Alignment	not modelled	13.6	33	PDB header: protein transport Chain: D: PDB Molecule: early endosome antigen 1; PDBTitle: crystal structure of human rab5a in complex with the c2h2 zinc finger2 of eea1
82	c2pmzS_	Alignment	not modelled	13.5	24	PDB header: translation, transferase Chain: S: PDB Molecule: dna-directed rna polymerase subunit d; PDBTitle: archaeal rna polymerase from sulfolobus solfataricus
83	c2b5lC_	Alignment	not modelled	13.3	33	PDB header: protein binding/viral protein Chain: C: PDB Molecule: nonstructural protein v; PDBTitle: crystal structure of ddb1 in complex with simian virus 5 v2 protein
84	c2crcA_	Alignment	not modelled	12.5	50	PDB header: ligase Chain: A: PDB Molecule: ubiquitin conjugating enzyme 7 interacting PDBTitle: solution structure of the zf-ranbp domain of the protein2 hbv associated factor
85	c1w1nA_	Alignment	not modelled	11.8	36	PDB header: transferase Chain: A: PDB Molecule: phosphatidylinositol 3-kinase tor1; PDBTitle: the solution structure of the fatc domain of the protein2 kinase tor1 from yeast
86	c1x62A_	Alignment	not modelled	11.7	30	PDB header: structural protein Chain: A: PDB Molecule: c-terminal lim domain protein 1; PDBTitle: solution structure of the lim domain of carboxyl terminal2 lim domain protein 1
87	d1wt8a1	Alignment	not modelled	11.6	25	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: Scorpion toxin-like Family: Short-chain scorpion toxins
88	c1zlgA_	Alignment	not modelled	11.4	24	PDB header: hormone/growth factor Chain: A: PDB Molecule: anosmin 1; PDBTitle: solution structure of the extracellular matrix protein2 anosmin-1
89	d1kbsa_	Alignment	not modelled	11.4	45	Fold: Snake toxin-like Superfamily: Snake toxin-like Family: Snake venom toxins
90	c1x68A_	Alignment	not modelled	11.3	19	PDB header: protein binding Chain: A: PDB Molecule: fhl5 protein; PDBTitle: solution structures of the c-terminal lim domain of human2 fhl5 protein
91	c1v06A_	Alignment	not modelled	10.7	22	PDB header: dna-binding protein Chain: A: PDB Molecule: hmg box-containing protein 1; PDBTitle: axh domain of the transcription factor hbp1 from m.musculus
92	c3qntA_	Alignment	not modelled	10.6	45	PDB header: transport protein Chain: A: PDB Molecule: niemann-pick c1-like protein 1; PDBTitle: npc1l1 (ntd) structure
93	c1m6bA_	Alignment	not modelled	10.1	26	PDB header: signaling protein, transferase Chain: A: PDB Molecule: receptor protein-tyrosine kinase erbb-3; PDBTitle: structure of the her3 (erbb3) extracellular domain
94	c1x63A_	Alignment	not modelled	9.6	22	PDB header: contractile protein Chain: A: PDB Molecule: skeletal muscle lim-protein 1; PDBTitle: solution structure of the second lim domain of skeletal2 muscle lim protein 1
95	c2a91A_	Alignment	not modelled	9.6	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
96	c2x9qA_	Alignment	not modelled	9.3	11	PDB header: ligase Chain: A: PDB Molecule: cyclodipeptide synthetase; PDBTitle: structure of the mycobacterium tuberculosis protein, rv2275,2 demonstrates that cyclodipeptide synthetases are related3 to type i trna-synthetases.
97	d1djqa3	Alignment	not modelled	9.0	36	Fold: Nucleotide-binding domain Superfamily: Nucleotide-binding domain Family: N-terminal domain of adrenodoxin reductase-like
98	c3gcZA_	Alignment	not modelled	8.8	31	PDB header: transferase Chain: A: PDB Molecule: polyprotein; PDBTitle: yokose virus methyltransferase in complex with adomet
99	c3u5ga_	Alignment	not modelled	8.7	22	PDB header: ribosome Chain: A: PDB Molecule: 40s ribosomal protein s0-a; PDBTitle: the structure of the eukaryotic ribosome at 3.0 a resolution