

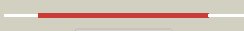






























# Phyre2

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Description	P19318
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Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1y5ib1</a>	 Alignment		100.0	78	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
2	<a href="#">c2ivfB_</a>	 Alignment		100.0	40	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> ethylbenzene dehydrogenase beta-subunit; <b>PDBTitle:</b> ethylbenzene dehydrogenase from aromatoleum aromaticum
3	<a href="#">c1ti2F_</a>	 Alignment		100.0	37	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> pyrogallol hydroxytransferase small subunit; <b>PDBTitle:</b> crystal structure of pyrogallol-phloroglucinol2 transhydroxylase from pelobacter acidigallici
4	<a href="#">c2vpyB_</a>	 Alignment		100.0	44	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nrhc protein; <b>PDBTitle:</b> polysulfide reductase with bound quinone inhibitor,2 pentachlorophenol (pcp)
5	<a href="#">d1kqfb1</a>	 Alignment		100.0	27	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
6	<a href="#">c1kqfB_</a>	 Alignment		100.0	26	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> formate dehydrogenase, nitrate-inducible, iron-sulfur <b>PDBTitle:</b> formate dehydrogenase n from e. coli
7	<a href="#">d1vlfm2</a>	 Alignment		100.0	35	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
8	<a href="#">d1h0hb_</a>	 Alignment		100.0	25	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
9	<a href="#">c1gx7A_</a>	 Alignment		100.0	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> periplasmic [fe] hydrogenase large subunit; <b>PDBTitle:</b> best model of the electron transfer complex between2 cytochrome c3 and [fe]-hydrogenase
10	<a href="#">c1hfeL_</a>	 Alignment		100.0	16	<b>PDB header:</b> hydrogenase <b>Chain:</b> L: <b>PDB Molecule:</b> protein (fe-only hydrogenase (e.c.1.18.99.1) <b>PDBTitle:</b> 1.6 a resolution structure of the fe-only hydrogenase from2 desulfovibrio desulfuricans
11	<a href="#">c1c4cA_</a>	 Alignment		100.0	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> protein (fe-only hydrogenase); <b>PDBTitle:</b> binding of exogenously added carbon monoxide at the active2 site of the fe-only hydrogenase (cpi) from clostridium3 pasteurianum

12	<a href="#">d3c8ya1</a>	Alignment		99.9	13	<b>Fold:</b> Fe-only hydrogenase <b>Superfamily:</b> Fe-only hydrogenase <b>Family:</b> Fe-only hydrogenase
13	<a href="#">c3lx4B_</a>	Alignment		99.9	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> fe-hydrogenase; <b>PDBTitle:</b> stepwise [feFe]-hydrogenase h-cluster assembly revealed in the2 structure of hyda(deltaefg)
14	<a href="#">d1hfel1</a>	Alignment		99.9	11	<b>Fold:</b> Fe-only hydrogenase <b>Superfamily:</b> Fe-only hydrogenase <b>Family:</b> Fe-only hydrogenase
15	<a href="#">c3gyxl_</a>	Alignment		99.4	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> J: <b>PDB Molecule:</b> adenylsulfate reductase; <b>PDBTitle:</b> crystal structure of adenylsulfate reductase from2 desulfovibrio gigas
16	<a href="#">d1jnrb_</a>	Alignment		99.4	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
17	<a href="#">c2v2kB_</a>	Alignment		99.3	19	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> ferredoxin; <b>PDBTitle:</b> the crystal structure of fdxa, a 7fe ferredoxin from2 mycobacterium smegmatis
18	<a href="#">d7fd1a_</a>	Alignment		99.3	28	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> 7-Fe ferredoxin
19	<a href="#">d3c7bb1</a>	Alignment		99.3	25	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
20	<a href="#">d1h98a_</a>	Alignment		99.3	22	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> 7-Fe ferredoxin
21	<a href="#">c1gthD_</a>	Alignment	not modelled	99.2	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> dihydropyrimidine dehydrogenase; <b>PDBTitle:</b> dihydropyrimidine dehydrogenase (dpg) from pig, ternary2 complex with nadph and 5-iodouracil
22	<a href="#">d1bc6a_</a>	Alignment	not modelled	99.2	27	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> 7-Fe ferredoxin
23	<a href="#">d1hfel2</a>	Alignment	not modelled	99.1	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
24	<a href="#">d2c42a5</a>	Alignment	not modelled	99.0	31	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
25	<a href="#">d1clfa_</a>	Alignment	not modelled	98.9	30	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
26	<a href="#">c2zvsB_</a>	Alignment	not modelled	98.9	19	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized ferredoxin-like protein yfhI; <b>PDBTitle:</b> crystal structure of the 2[4fe-4s] ferredoxin from escherichia coli
27	<a href="#">c2gmhA_</a>	Alignment	not modelled	98.9	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> electron transfer flavoprotein-ubiquinone <b>PDBTitle:</b> structure of porcine electron transfer flavoprotein-2 ubiquinone oxidoreductase in complexed with ubiquinone
28	<a href="#">d1dura_</a>	Alignment	not modelled	98.9	29	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins

29	<a href="#">d1gtea5</a>	Alignment	not modelled	98.9	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
30	<a href="#">d1fcaa</a>	Alignment	not modelled	98.9	27	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
31	<a href="#">c3c7bE</a>	Alignment	not modelled	98.8	28	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> sulfite reductase, dissimilatory-type subunit beta; <b>PDBTitle:</b> structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
32	<a href="#">d2fdna</a>	Alignment	not modelled	98.8	28	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
33	<a href="#">d1xera</a>	Alignment	not modelled	98.8	27	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Archaeal ferredoxins
34	<a href="#">c2c3yA</a>	Alignment	not modelled	98.8	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> pyruvate-ferredoxin oxidoreductase; <b>PDBTitle:</b> crystal structure of the radical form of2 pyruvate:ferredoxin oxidoreductase from desulfovibrio3 africanus
35	<a href="#">d2gmha3</a>	Alignment	not modelled	98.8	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> ETF-QO domain-like
36	<a href="#">d2fug91</a>	Alignment	not modelled	98.8	30	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
37	<a href="#">c2fugG</a>	Alignment	not modelled	98.8	30	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> nadh-quinone oxidoreductase chain 9; <b>PDBTitle:</b> crystal structure of the hydrophilic domain of respiratory complex i2 from thermus thermophilus
38	<a href="#">d1blua</a>	Alignment	not modelled	98.7	25	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
39	<a href="#">c2fgoA</a>	Alignment	not modelled	98.6	28	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> ferredoxin; <b>PDBTitle:</b> structure of the 2[4fe-4s] ferredoxin from pseudomonas2 aeruginosa
40	<a href="#">d1rgva</a>	Alignment	not modelled	98.6	32	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
41	<a href="#">c2v4jE</a>	Alignment	not modelled	98.6	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> sulfite reductase, dissimilatory-type subunit <b>PDBTitle:</b> the crystal structure of desulfovibrio vulgaris2 dissimilatory sulfite reductase bound to dsrC provides3 novel insights into the mechanism of sulfate respiration
42	<a href="#">d1jb0c</a>	Alignment	not modelled	98.6	24	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> 7-Fe ferredoxin
43	<a href="#">d2fug34</a>	Alignment	not modelled	98.5	32	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
44	<a href="#">c3bk7A</a>	Alignment	not modelled	98.5	28	<b>PDB header:</b> hydrolyase/translation <b>Chain:</b> A: <b>PDB Molecule:</b> abc transporter atp-binding protein; <b>PDBTitle:</b> structure of the complete abce1/rnaase-I inhibitor protein2 from pyrococcus abyssi
45	<a href="#">d1vjwa</a>	Alignment	not modelled	98.4	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
46	<a href="#">d3c8ya3</a>	Alignment	not modelled	98.4	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
47	<a href="#">c3c7bA</a>	Alignment	not modelled	98.3	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> sulfite reductase, dissimilatory-type subunit alpha; <b>PDBTitle:</b> structure of the dissimilatory sulfite reductase from archaeoglobus2 fulgidus
48	<a href="#">c2v4jA</a>	Alignment	not modelled	98.3	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> sulfite reductase, dissimilatory-type subunit <b>PDBTitle:</b> the crystal structure of desulfovibrio vulgaris2 dissimilatory sulfite reductase bound to dsrC provides3 novel insights into the mechanism of sulfate respiration
49	<a href="#">c2fugC</a>	Alignment	not modelled	97.8	29	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> nadh-quinone oxidoreductase chain 3; <b>PDBTitle:</b> crystal structure of the hydrophilic domain of respiratory complex i2 from thermus thermophilus
50	<a href="#">d1fxra</a>	Alignment	not modelled	97.8	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
51	<a href="#">d1sj1a</a>	Alignment	not modelled	97.8	23	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
52	<a href="#">d1iqza</a>	Alignment	not modelled	97.7	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
53	<a href="#">c1dwlA</a>	Alignment	not modelled	97.7	23	<b>PDB header:</b> electron transfer <b>Chain:</b> A: <b>PDB Molecule:</b> ferredoxin i; <b>PDBTitle:</b> the ferredoxin-cytochrome complex using heteronuclear nmr2 and docking simulation
						<b>Fold:</b> Ferredoxin-like

54	<a href="#">d2v4jb1</a>	Alignment	not modelled	97.5	31	<b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
55	<a href="#">c2b76N</a>	Alignment	not modelled	96.9	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> N: <b>PDB Molecule:</b> fumarate reductase iron-sulfur protein; <b>PDBTitle:</b> e. coli quinol fumarate reductase frda e49q mutation
56	<a href="#">c3cf4A</a>	Alignment	not modelled	96.8	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyl-coa decarboxylase/synthase alpha subunit; <b>PDBTitle:</b> structure of the codh component of the m. barkeri acds complex
57	<a href="#">c2bs2E</a>	Alignment	not modelled	96.8	31	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> quinol-fumarate reductase iron-sulfur subunit b; <b>PDBTitle:</b> quinol:fumarate reductase from wolinella succinogenes
58	<a href="#">c1nekB</a>	Alignment	not modelled	96.0	26	<b>PDB header:</b> oxidoreductase/electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> succinate dehydrogenase iron-sulfur protein; <b>PDBTitle:</b> complex ii (succinate dehydrogenase) from e. coli with2 ubiquinone bound
59	<a href="#">d2bs2b1</a>	Alignment	not modelled	95.9	18	<b>Fold:</b> Globin-like <b>Superfamily:</b> alpha-helical ferredoxin <b>Family:</b> Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
60	<a href="#">d1nekbl</a>	Alignment	not modelled	95.7	31	<b>Fold:</b> Globin-like <b>Superfamily:</b> alpha-helical ferredoxin <b>Family:</b> Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
61	<a href="#">d1kf6b1</a>	Alignment	not modelled	95.4	26	<b>Fold:</b> Globin-like <b>Superfamily:</b> alpha-helical ferredoxin <b>Family:</b> Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
62	<a href="#">c2h89B</a>	Alignment	not modelled	94.8	28	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> succinate dehydrogenase ip subunit; <b>PDBTitle:</b> avian respiratory complex ii with malonate bound
63	<a href="#">d3c7ba1</a>	Alignment	not modelled	93.8	35	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
64	<a href="#">d2v4ja1</a>	Alignment	not modelled	93.6	29	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
65	<a href="#">c2vdcl</a>	Alignment	not modelled	90.8	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> I: <b>PDB Molecule:</b> glutamate synthase [nadh] small chain; <b>PDBTitle:</b> the 9.5 a resolution structure of glutamate synthase from2 cryo-electron microscopy and its oligomerization behavior3 in solution: functional implications.
66	<a href="#">c2dxbR</a>	Alignment	not modelled	70.3	22	<b>PDB header:</b> hydrolase <b>Chain:</b> R: <b>PDB Molecule:</b> thiocyanate hydrolase subunit gamma; <b>PDBTitle:</b> recombinant thiocyanate hydrolase comprising partially-modified cobalt2 centers
67	<a href="#">d1gtea1</a>	Alignment	not modelled	63.3	28	<b>Fold:</b> Globin-like <b>Superfamily:</b> alpha-helical ferredoxin <b>Family:</b> Dihydropyrimidine dehydrogenase, N-terminal domain
68	<a href="#">c3qyhG</a>	Alignment	not modelled	59.8	16	<b>PDB header:</b> lyase <b>Chain:</b> G: <b>PDB Molecule:</b> co-type nitrile hydratase alpha subunit; <b>PDBTitle:</b> crystal structure of co-type nitrile hydratase beta-h71l from2 pseudomonas putida.
69	<a href="#">c2z6vA</a>	Alignment	not modelled	57.6	29	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> crystal structure of sulfotransferase stf9 from2 mycobacterium avium
70	<a href="#">d1ugpa</a>	Alignment	not modelled	48.7	21	<b>Fold:</b> Nitrile hydratase alpha chain <b>Superfamily:</b> Nitrile hydratase alpha chain <b>Family:</b> Nitrile hydratase alpha chain
71	<a href="#">d2igsal</a>	Alignment	not modelled	36.4	20	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> PA2222-like
72	<a href="#">c1m2oA</a>	Alignment	not modelled	30.8	24	<b>PDB header:</b> protein transport/signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein transport protein sec23; <b>PDBTitle:</b> crystal structure of the sec23-sar1 complex
73	<a href="#">c1m2vB</a>	Alignment	not modelled	29.7	22	<b>PDB header:</b> protein transport <b>Chain:</b> B: <b>PDB Molecule:</b> protein transport protein sec24; <b>PDBTitle:</b> crystal structure of the yeast sec23/24 heterodimer
74	<a href="#">c1g8jC</a>	Alignment	not modelled	28.9	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> arsenite oxidase; <b>PDBTitle:</b> crystal structure analysis of arsenite oxidase from2 alcaligenes faecalis
75	<a href="#">d1v29a</a>	Alignment	not modelled	21.8	22	<b>Fold:</b> Nitrile hydratase alpha chain <b>Superfamily:</b> Nitrile hydratase alpha chain <b>Family:</b> Nitrile hydratase alpha chain
76	<a href="#">d1djqaz</a>	Alignment	not modelled	21.0	33	<b>Fold:</b> Nucleotide-binding domain <b>Superfamily:</b> Nucleotide-binding domain <b>Family:</b> N-terminal domain of adrenodoxin reductase-like
77	<a href="#">d1seda</a>	Alignment	not modelled	16.1	18	<b>Fold:</b> Hypothetical protein YhaI <b>Superfamily:</b> Hypothetical protein YhaI <b>Family:</b> Hypothetical protein YhaI
78	<a href="#">d1pyfa</a>	Alignment	not modelled	14.7	14	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
79	<a href="#">c2a91A</a>	Alignment	not modelled	14.6	15	<b>PDB header:</b> signaling protein,transferase,membrane p <b>Chain:</b> A: <b>PDB Molecule:</b> receptor tyrosine-kinase erbb-2; <b>PDBTitle:</b> crystal structure of erbb2 domains 1-3
80	<a href="#">c2a91B</a>	Alignment	not modelled	14.5	15	<b>PDB header:</b> protein transport <b>Chain:</b> B: <b>PDB Molecule:</b> sec24 related gene family, member d;

80	<a href="#">c3egxB</a>	Alignment	not modelled	14.3	19	<b>PDBTitle:</b> crystal structure of the mammalian copii-coat protein2 sec23/24 bound to the transport signal sequence of membrin <b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> nadh-quinone oxidoreductase chain 1; <b>PDBTitle:</b> crystal structure of the hydrophilic domain of respiratory complex i2 from thermus thermophilus
81	<a href="#">c2fugA</a>	Alignment	not modelled	14.4	29	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> ankyrin-1; <b>PDBTitle:</b> solution structure of the death domain of ankyrin-1
82	<a href="#">c2yqfA</a>	Alignment	not modelled	13.1	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> zinc-transporting atpase; <b>PDBTitle:</b> nmr solution structure of ziaan sub mutant
83	<a href="#">c2ldiA</a>	Alignment	not modelled	12.0	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
84	<a href="#">d1fxda</a>	Alignment	not modelled	11.7	22	<b>Fold:</b> post-AAA+ oligomerization domain-like <b>Superfamily:</b> post-AAA+ oligomerization domain-like <b>Family:</b> MgsA/YrvN C-terminal domain-like
85	<a href="#">d2qw6a1</a>	Alignment	not modelled	11.1	23	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> aaa atpase, central region; <b>PDBTitle:</b> crystal structure of the c-terminal domain of an aaa atpase from2 enterococcus faecium do
86	<a href="#">c2qw6A</a>	Alignment	not modelled	11.1	23	<b>Fold:</b> DCoH-like <b>Superfamily:</b> GAD domain-like <b>Family:</b> GAD domain
87	<a href="#">d2d6fc2</a>	Alignment	not modelled	10.0	24	<b>PDB header:</b> antibiotic <b>Chain:</b> A: <b>PDB Molecule:</b> hepcidin; <b>PDBTitle:</b> solution structure of hybrid white striped bass hepcidin
88	<a href="#">c1s6wA</a>	Alignment	not modelled	9.8	50	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> SCF ubiquitin ligase complex WHB domain
89	<a href="#">d2hyec1</a>	Alignment	not modelled	9.7	15	<b>PDB header:</b> hormone receptor/immune system <b>Chain:</b> E: <b>PDB Molecule:</b> insulin receptor; <b>PDBTitle:</b> insulin receptor (ir) ectodomain in complex with fab's
90	<a href="#">c2dtgE</a>	Alignment	not modelled	9.3	23	<b>Fold:</b> AhpD-like <b>Superfamily:</b> AhpD-like <b>Family:</b> TTHA0727-like
91	<a href="#">d2ouwa1</a>	Alignment	not modelled	9.3	23	<b>PDB header:</b> signaling protein, cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> zinc finger protein zpr1; <b>PDBTitle:</b> crystal structure of tandem zpr1 domains
92	<a href="#">c2qkdA</a>	Alignment	not modelled	9.2	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphonopyruvate hydrolase; <b>PDBTitle:</b> crystal structure of phosphonopyruvate hydrolase complex with2 phosphonopyruvate and mg++
93	<a href="#">c2hjpa</a>	Alignment	not modelled	9.1	19	<b>Fold:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Superfamily:</b> Nitrite and sulphite reductase 4Fe-4S domain-like <b>Family:</b> Nitrite and sulphite reductase 4Fe-4S domain-like
94	<a href="#">d3c7bb3</a>	Alignment	not modelled	8.9	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> yetf protein; <b>PDBTitle:</b> crystal structure of protein bsu07140 from bacillus subtilis
95	<a href="#">c3c6fD</a>	Alignment	not modelled	8.9	12	<b>Fold:</b> DCoH-like <b>Superfamily:</b> GAD domain-like <b>Family:</b> GAD domain
96	<a href="#">d1zqlc2</a>	Alignment	not modelled	8.8	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> histamine dehydrogenase; <b>PDBTitle:</b> histamine dehydrogenase from nocardioodes simplex
97	<a href="#">c3k30B</a>	Alignment	not modelled	8.7	45	<b>PDB header:</b> protein transport <b>Chain:</b> B: <b>PDB Molecule:</b> protein transport protein sec24a; <b>PDBTitle:</b> crystal structure of the mammalian copii-coat protein2 sec23a/24a complexed with the snare protein sec22b and3 bound to the transport signal sequence of the snare protein4 bet1
98	<a href="#">c3egxB</a>	Alignment	not modelled	8.5	34	<b>PDB header:</b> translation, transferase <b>Chain:</b> S: <b>PDB Molecule:</b> dna-directed rna polymerase subunit d; <b>PDBTitle:</b> archaeal rna polymerase from sulfolobus solfataricus
99	<a href="#">c2pmzS</a>	Alignment	not modelled	8.0	19	