

# Phyre<sup>2</sup>

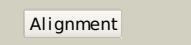
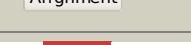
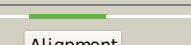
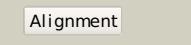
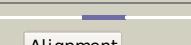
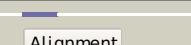
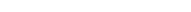
Email	i.a.kelley@imperial.ac.uk
Description	P0AFD6
Date	Thu Jan 5 11:25:59 GMT 2012
Unique Job ID	326cc93960c73e57

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2fug91	Alignment		100.0	46	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
2	c2fugG_	Alignment		100.0	46	<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
3	d1xera_	Alignment		99.5	26	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Archaeal ferredoxins
4	d1jb0c_	Alignment		99.5	22	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> 7-Fe ferredoxin
5	c2gmhA_	Alignment		99.5	22	<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
6	d2fug34	Alignment		99.5	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
7	d7fd1a_	Alignment		99.4	35	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> 7-Fe ferredoxin
8	c1gthD_	Alignment		99.4	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> dihydropyrimidine dehydrogenase; <b>PDBTitle:</b> dihydropyrimidine dehydrogenase (dpd) from pig, ternary2 complex with nadph and 5-iodouracil
9	c2c3yA_	Alignment		99.4	32	<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 of pyruvate-ferredoxin oxidoreductase from desulfovibrio3 africanus
10	c3gyxl_	Alignment		99.4	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> J: <b>PDB Molecule:</b> adenyllylsulfate reductase; <b>PDBTitle:</b> crystal structure of adenyllylsulfate reductase from desulfovibrio gigas
11	d2c42a5	Alignment		99.4	30	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins

12	<a href="#">d1hfe12</a>			99.4	24	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
13	<a href="#">d1gtea5</a>			99.4	21	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
14	<a href="#">d2gmha3</a>			99.4	24	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> ETF-QO domain-like
15	<a href="#">c2zvsB_</a>			99.3	25	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized ferredoxin-like protein yfhl; <b>PDBTitle:</b> crystal structure of the 2[4fe-4s] ferredoxin from escherichia coli
16	<a href="#">d1rgva_</a>			99.3	28	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
17	<a href="#">d1h98a_</a>			99.3	31	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> 7-Fe ferredoxin
18	<a href="#">d1blua_</a>			99.3	32	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
19	<a href="#">d1bc6a_</a>			99.3	38	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> 7-Fe ferredoxin
20	<a href="#">c2fgoaA_</a>			99.3	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
21	<a href="#">d2fdna_</a>		not modelled	99.3	37	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
22	<a href="#">c1hfeL_</a>		not modelled	99.3	24	<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
23	<a href="#">c1kqfB_</a>		not modelled	99.3	34	<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
24	<a href="#">d1jnrb_</a>		not modelled	99.3	25	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
25	<a href="#">d1fcfa_</a>		not modelled	99.3	37	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
26	<a href="#">d1h0hb_</a>		not modelled	99.3	21	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
27	<a href="#">c2vpyB_</a>		not modelled	99.2	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nrfc protein; <b>PDBTitle:</b> polysulfide reductase with bound quinone inhibitor,2 pentachlorophenol (pcp)
28	<a href="#">d1dura_</a>		not modelled	99.2	37	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins

29	<a href="#">d3c8ya3</a>	Alignment	not modelled	99.2	20	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
30	<a href="#">d1kqfb1</a>	Alignment	not modelled	99.2	32	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
31	<a href="#">d1clfa_</a>	Alignment	not modelled	99.2	40	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Short-chain ferredoxins
32	<a href="#">c1gx7A_</a>	Alignment	not modelled	99.2	30	<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
33	<a href="#">c1ti2F_</a>	Alignment	not modelled	99.2	19	<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 <i>pelobacter acidigallici</i>
34	<a href="#">c1c4cA_</a>	Alignment	not modelled	99.2	18	<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 <i>clostridium3 pasteurianum</i>
35	<a href="#">d1y5ib1</a>	Alignment	not modelled	99.1	26	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
36	<a href="#">c2ivfB_</a>	Alignment	not modelled	99.1	36	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> ethylbenzene dehydrogenase beta-subunit; <b>PDBTitle:</b> ethylbenzene dehydrogenase from <i>aromatoleum aromaticum</i>
37	<a href="#">c2v2kB_</a>	Alignment	not modelled	99.1	39	<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
38	<a href="#">d1vlfn2</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
39	<a href="#">c2v4jE_</a>	Alignment	not modelled	99.0	28	<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 <i>desulfovibrio vulgaris</i> 2 dissimilatory sulfite reductase bound to dsrc provides3 novel insights into the mechanism of sulfate respiration
40	<a href="#">c3c7bE_</a>	Alignment	not modelled	99.0	20	<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 <i>archaeoglobus2 fulgidus</i>
41	<a href="#">d1iqza_</a>	Alignment	not modelled	99.0	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
42	<a href="#">c2fugC_</a>	Alignment	not modelled	99.0	12	<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 <i>thermus thermophilus</i>
43	<a href="#">d1vija_</a>	Alignment	not modelled	99.0	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
44	<a href="#">d3c7bb1</a>	Alignment	not modelled	98.9	23	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
45	<a href="#">d1sj1a_</a>	Alignment	not modelled	98.8	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
46	<a href="#">c3c7bA_</a>	Alignment	not modelled	98.8	23	<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 <i>archaeoglobus2 fulgidus</i>
47	<a href="#">c1dwIA_</a>	Alignment	not modelled	98.7	24	<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
48	<a href="#">d1fxra_</a>	Alignment	not modelled	98.7	14	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
49	<a href="#">c2v4jA_</a>	Alignment	not modelled	98.7	16	<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 <i>desulfovibrio vulgaris</i> 2 dissimilatory sulfite reductase bound to dsrc provides3 novel insights into the mechanism of sulfate respiration
50	<a href="#">c3bk7A_</a>	Alignment	not modelled	98.3	29	<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 abc1/rnase-l inhibitor protein2 from <i>pyrococcus abyssi</i>
51	<a href="#">d1nekbl</a>	Alignment	not modelled	98.1	22	<b>Fold:</b> Globin-like <b>Superfamily:</b> alpha-helical ferredoxin <b>Family:</b> Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
52	<a href="#">d2bs2b1</a>	Alignment	not modelled	98.1	15	<b>Fold:</b> Globin-like <b>Superfamily:</b> alpha-helical ferredoxin <b>Family:</b> Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain

53	<a href="#">d1kf6b1</a>		Alignment	not modelled	98.0	24	<b>Fold:</b> Globin-like <b>Superfamily:</b> alpha-helical ferredoxin <b>Family:</b> Fumarate reductase/Succinate dehydrogenase iron-sulfur protein, C-terminal domain
54	<a href="#">c1nekB_</a>		Alignment	not modelled	97.9	22	<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
55	<a href="#">c2h89B_</a>		Alignment	not modelled	97.9	24	<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
56	<a href="#">d2v4jb1</a>		Alignment	not modelled	97.9	31	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
57	<a href="#">c2b76N_</a>		Alignment	not modelled	97.9	25	<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
58	<a href="#">c2bs2E_</a>		Alignment	not modelled	97.7	22	<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
59	<a href="#">c3cf4A_</a>		Alignment	not modelled	97.6	28	<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
60	<a href="#">d2v4ja1</a>		Alignment	not modelled	95.5	21	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
61	<a href="#">d3c7ba1</a>		Alignment	not modelled	95.4	26	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Ferredoxin domains from multidomain proteins
62	<a href="#">c2vdcl_</a>		Alignment	not modelled	93.6	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> I: <b>PDB Molecule:</b> glutamate synthase [nadph] 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.
63	<a href="#">c1g8jC_</a>		Alignment	not modelled	63.8	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> arsenate oxidase; <b>PDBTitle:</b> crystal structure analysis of arsenite oxidase from2 alcaligenes faecalis
64	<a href="#">d1gtea1</a>		Alignment	not modelled	57.4	23	<b>Fold:</b> Globin-like <b>Superfamily:</b> alpha-helical ferredoxin <b>Family:</b> Dihydropyrimidine dehydrogenase, N-terminal domain
65	<a href="#">d1fxda_</a>		Alignment	not modelled	57.3	25	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> 4Fe-4S ferredoxins <b>Family:</b> Single 4Fe-4S cluster ferredoxin
66	<a href="#">c3mk7B_</a>		Alignment	not modelled	41.9	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c oxidase, cbb3-type, subunit o; <b>PDBTitle:</b> the structure of cbb3 cytochrome oxidase
67	<a href="#">c2pmzS_</a>		Alignment	not modelled	34.2	21	<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
68	<a href="#">d1ogyb_</a>		Alignment	not modelled	34.1	26	<b>Fold:</b> Multiheme cytochromes <b>Superfamily:</b> Multiheme cytochromes <b>Family:</b> Di-heme elbow motif
69	<a href="#">c1igrA_</a>		Alignment	not modelled	19.8	45	<b>PDB header:</b> hormone receptor <b>Chain:</b> A: <b>PDB Molecule:</b> insulin-like growth factor receptor 1; <b>PDBTitle:</b> type 1 insulin-like growth factor receptor (domains 1-3)
70	<a href="#">c3o5aB_</a>		Alignment	not modelled	17.9	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> diheme cytochrome c napb; <b>PDBTitle:</b> crystal structure of partially reduced periplasmic nitrate reductase2 from cupriavidus necator using ionic liquids
71	<a href="#">d1djqg3</a>		Alignment	not modelled	16.6	33	<b>Fold:</b> Nucleotide-binding domain <b>Superfamily:</b> Nucleotide-binding domain <b>Family:</b> N-terminal domain of adrenodoxin reductase-like
72	<a href="#">c2fugA_</a>		Alignment	not modelled	13.8	21	<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
73	<a href="#">d1z1sa1</a>		Alignment	not modelled	11.7	23	<b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> PhzA/PhzB-like
74	<a href="#">c1fqjC_</a>		Alignment	not modelled	11.6	28	<b>PDB header:</b> signaling protein <b>Chain:</b> C: <b>PDB Molecule:</b> retinal rod rhodopsin-sensitive cgmp 3',5'- <b>PDBTitle:</b> crystal structure of the heterotrimeric complex of the rgs2 domain of rgs9, the gamma subunit of phosphodiesterase and3 the gt1/1 chimera alpha subunit [(rgs9)-(pdegamma)-4 (gt1alpha)-(gdp)-(alf4)-(mg2+)]
75	<a href="#">c2kn0A_</a>		Alignment	not modelled	10.5	17	<b>PDB header:</b> apoptosis <b>Chain:</b> A: <b>PDB Molecule:</b> fn14; <b>PDBTitle:</b> solution nmr structure of xenopus fn14
76	<a href="#">d2dmida2</a>		Alignment	not modelled	10.3	40	<b>Fold:</b> beta-beta-alpha zinc fingers <b>Superfamily:</b> beta-beta-alpha zinc fingers <b>Family:</b> Classic zinc finger, C2H2
77	<a href="#">c2eoyA_</a>		Alignment	not modelled	10.2	45	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> zinc finger protein 473; <b>PDBTitle:</b> solution structure of the c2h2 type zinc finger (region 557-2 589) of human zinc finger protein 473
							<b>PDB header:</b> oxidoreductase

78	<a href="#">c3k30B</a>	Alignment	not modelled	9.7	40	<b>Chain:</b> B; <b>PDB Molecule:</b> histamine dehydrogenase; <b>PDBTitle:</b> histamine dehydrogenase from nocardiodies simplex
79	<a href="#">c2bpbB</a>	Alignment	not modelled	9.4	30	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B; <b>PDB Molecule:</b> sulfite:cytochrome c oxidoreductase subunit b; <b>PDBTitle:</b> sulfite dehydrogenase from starkeya novella
80	<a href="#">c1moxB</a>	Alignment	not modelled	9.2	24	<b>PDB header:</b> transferase/growth factor <b>Chain:</b> B; <b>PDB Molecule:</b> epidermal growth factor receptor; <b>PDBTitle:</b> crystal structure of human epidermal growth factor receptor (residues2 1-501) in complex with tgf-alpha
81	<a href="#">d1m5ha1</a>	Alignment	not modelled	8.8	46	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Formylmethanofuran:tetrahydromethanopterin formyltransferase <b>Family:</b> Formylmethanofuran:tetrahydromethanopterin formyltransferase
82	<a href="#">c215rA</a>	Alignment	not modelled	8.8	44	<b>PDB header:</b> antimicrobial protein <b>Chain:</b> A; <b>PDB Molecule:</b> antimicrobial peptide alyteserin-1c; <b>PDBTitle:</b> conformational and membrane interactins studies of antimicrobial2 peptide alyteserin-1c
83	<a href="#">d3c7bb3</a>	Alignment	not modelled	8.7	14	<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
84	<a href="#">d1mr1c</a>	Alignment	not modelled	7.7	23	<b>Fold:</b> SAND domain-like <b>Superfamily:</b> SAND domain-like <b>Family:</b> SMAD4-binding domain of oncoprotein Ski
85	<a href="#">c1djnB</a>	Alignment	not modelled	7.4	50	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B; <b>PDB Molecule:</b> trimethylamine dehydrogenase; <b>PDBTitle:</b> structural and biochemical characterization of recombinant wild type2 trimethylamine dehydrogenase from methylophilus methylotrophus (sp.3 w3a1)
86	<a href="#">d1ftf1</a>	Alignment	not modelled	7.3	31	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Formylmethanofuran:tetrahydromethanopterin formyltransferase <b>Family:</b> Formylmethanofuran:tetrahydromethanopterin formyltransferase
87	<a href="#">c2eqpA</a>	Alignment	not modelled	7.1	19	<b>PDB header:</b> transcription <b>Chain:</b> A; <b>PDB Molecule:</b> tumor necrosis factor receptor superfamily <b>PDBTitle:</b> solution structure of the stn_tnfrsf12a_tnfr domain of2 tumor necrosis factor receptor superfamily member 12a3 precursor
88	<a href="#">d1m5a1</a>	Alignment	not modelled	7.0	46	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Formylmethanofuran:tetrahydromethanopterin formyltransferase <b>Family:</b> Formylmethanofuran:tetrahydromethanopterin formyltransferase
89	<a href="#">c2axkA</a>	Alignment	not modelled	5.9	25	<b>PDB header:</b> toxin <b>Chain:</b> A; <b>PDB Molecule:</b> discrepin; <b>PDBTitle:</b> solution structure of discrepin, a scorpion venom toxin2 blocking k+ channels.
90	<a href="#">d1g8ka2</a>	Alignment	not modelled	5.8	33	<b>Fold:</b> Formate dehydrogenase/DMSO reductase, domains 1-3 <b>Superfamily:</b> Formate dehydrogenase/DMSO reductase, domains 1-3 <b>Family:</b> Formate dehydrogenase/DMSO reductase, domains 1-3