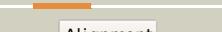
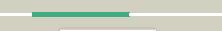
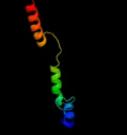
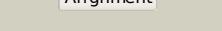
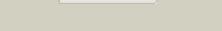
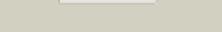
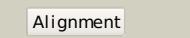
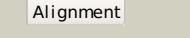
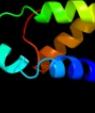
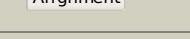
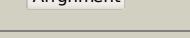
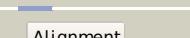


# Phyre<sup>2</sup>

Email	i.a.kelley@imperial.ac.uk
Description	Q9S4X0
Date	Thu Jan 5 12:38:24 GMT 2012
Unique Job ID	9912a7446aa5aaa9

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1f6va_	 Alignment		89.3	18	<b>Fold:</b> C-terminal domain of B transposition protein <b>Superfamily:</b> C-terminal domain of B transposition protein <b>Family:</b> C-terminal domain of B transposition protein
2	d2vcha1	 Alignment		45.7	18	<b>Fold:</b> UDP-Glycosyltransferase/glycogen phosphorylase <b>Superfamily:</b> UDP-Glycosyltransferase/glycogen phosphorylase <b>Family:</b> UDPGT-like
3	c3cp5A_	 Alignment		38.8	32	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c; <b>PDBTitle:</b> cytochrome c from rhodothermus marinus
4	d1dvha_	 Alignment		31.7	18	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
5	c2l4dA_	 Alignment		30.6	27	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> sco1/senc family protein/cytochrome c; <b>PDBTitle:</b> cytochrome c domain of pp3183 protein from pseudomonas putida
6	d1c53a_	 Alignment		30.5	18	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
7	c2zzsW_	 Alignment		30.1	29	<b>PDB header:</b> electron transport <b>Chain:</b> W: <b>PDB Molecule:</b> <b>PDBTitle:</b> crystal structure of cytochrome c554 from vibrio2 parahaemolyticus strain rimb2210633
8	d1fcdc1	 Alignment		29.4	6	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Two-domain cytochrome c
9	d1dvva_	 Alignment		29.1	22	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
10	d1ynra1	 Alignment		28.8	17	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
11	d2f2ac1	 Alignment		28.2	26	<b>Fold:</b> Non-globular all-alpha subunits of globular proteins <b>Superfamily:</b> Glu-tRNAGln amidotransferase C subunit <b>Family:</b> Glu-tRNAGln amidotransferase C subunit

12	<a href="#">d1cnoa_</a>			28.2	33	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
13	<a href="#">d1cc5a_</a>			28.1	19	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
14	<a href="#">d1a56a_</a>			27.8	12	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
15	<a href="#">d1c75a_</a>			27.2	22	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
16	<a href="#">d1h1oa1</a>			26.7	11	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Two-domain cytochrome c
17	<a href="#">c2zxyA_</a>			26.5	22	<b>PDB header:</b> oxygen binding, transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c552; <b>PDBTitle:</b> crystal structure of cytochrome c555 from aquifex aeolicus
18	<a href="#">d1m70a1</a>			26.5	22	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Two-domain cytochrome c
19	<a href="#">c2kvca_</a>			25.9	25	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> solution structure of the mycobacterium tuberculosis protein rv0543c, 2 a member of the duf3349 superfamily. seattle structural genomics3 center for infectious disease target mytud.17112.a
20	<a href="#">d1wvec1</a>			25.4	24	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
21	<a href="#">d1h1oa2</a>		not modelled	25.2	18	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Two-domain cytochrome c
22	<a href="#">d1cyja_</a>		not modelled	24.3	25	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
23	<a href="#">d1cora_</a>		not modelled	24.1	5	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
24	<a href="#">d1m70a2</a>		not modelled	23.6	18	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Two-domain cytochrome c
25	<a href="#">d2ckxa1</a>		not modelled	23.6	22	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Myb/SANT domain
26	<a href="#">d1fi3a_</a>		not modelled	22.9	6	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
27	<a href="#">d1f1ca_</a>		not modelled	22.8	14	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
28	<a href="#">c1w2IA_</a>		not modelled	22.7	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome oxidase subunit ii; <b>PDBTitle:</b> cytochrome c domain of caa3 oxygen oxidoreductase
29	<a href="#">d1h9xa1</a>		not modelled	22.1	23	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> N-terminal (heme c) domain of cytochrome cd1-nitrite

						reductase
30	<a href="#">d1ls9a</a>	Alignment	not modelled	21.8	20	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
31	<a href="#">c3o0rC</a>	Alignment	not modelled	21.3	19	<b>PDB header:</b> immune system/oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> nitric oxide reductase subunit c; <b>PDBTitle:</b> crystal structure of nitric oxide reductase from pseudomonas2 aeruginosa in complex with antibody fragment
32	<a href="#">c2d0sA</a>	Alignment	not modelled	20.9	6	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c; <b>PDBTitle:</b> crystal structure of the cytochrome c552 from moderate2 thermophilic bacterium, hydrogenophilus thermoluteolus
33	<a href="#">d1ctja</a>	Alignment	not modelled	20.8	27	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
34	<a href="#">d1gksa</a>	Alignment	not modelled	19.7	5	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
35	<a href="#">c3kf1u</a>	Alignment	not modelled	19.6	35	<b>PDB header:</b> ligase/rna <b>Chain:</b> J: <b>PDB Molecule:</b> glutamyl-tRNA(gln) amidotransferase subunit c; <b>PDBTitle:</b> crystal structure of the transamidosome
36	<a href="#">c1m70D</a>	Alignment	not modelled	19.3	18	<b>PDB header:</b> electron transport <b>Chain:</b> D: <b>PDB Molecule:</b> cytochrome c4; <b>PDBTitle:</b> crystal structure of oxidized recombinant cytochrome c4 from2 pseudomonas stutzeri
37	<a href="#">d1hzua1</a>	Alignment	not modelled	19.2	22	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
38	<a href="#">d1e29a</a>	Alignment	not modelled	19.0	14	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
39	<a href="#">d1dcea2</a>	Alignment	not modelled	18.9	27	<b>Fold:</b> C2 domain-like <b>Superfamily:</b> Rab geranylgeranyltransferase alpha-subunit, insert domain <b>Family:</b> Rab geranylgeranyltransferase alpha-subunit, insert domain
40	<a href="#">d1kv9a1</a>	Alignment	not modelled	18.8	14	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Quinoprotein alcohol dehydrogenase, C-terminal domain
41	<a href="#">c21kyA</a>	Alignment	not modelled	18.5	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> solution structure of msmeg_1053, the second duf3349 annotated protein2 in the genome of mycobacterium smegmatis, seattle structural genomics3 center for infectious disease target mymsa.17112.b
42	<a href="#">c3dmIA</a>	Alignment	not modelled	18.2	35	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c6; <b>PDBTitle:</b> crystallization and structural analysis of cytochrome c62 from the diatom phaeodactylum tricornutum at 1.5 a3 resolution
43	<a href="#">c2zonG</a>	Alignment	not modelled	18.1	17	<b>PDB header:</b> oxidoreductase/electron transport <b>Chain:</b> G: <b>PDB Molecule:</b> cytochrome c551; <b>PDBTitle:</b> crystal structure of electron transfer complex of nitrite2 reductase with cytochrome c
44	<a href="#">d3mdea2</a>	Alignment	not modelled	17.5	7	<b>Fold:</b> Acyl-CoA dehydrogenase NM domain-like <b>Superfamily:</b> Acyl-CoA dehydrogenase NM domain-like <b>Family:</b> Medium chain acyl-CoA dehydrogenase, NM (N-terminal and middle) domains
45	<a href="#">d2o3aa1</a>	Alignment	not modelled	17.3	28	<b>Fold:</b> alpha/beta knot <b>Superfamily:</b> alpha/beta knot <b>Family:</b> AF0751-like
46	<a href="#">d1c6ra</a>	Alignment	not modelled	17.2	30	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
47	<a href="#">d1f1fa</a>	Alignment	not modelled	17.1	35	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
48	<a href="#">d1z84a1</a>	Alignment	not modelled	17.0	21	<b>Fold:</b> HIT-like <b>Superfamily:</b> HIT-like <b>Family:</b> Hexose-1-phosphate uridylyltransferase
49	<a href="#">c3cu4A</a>	Alignment	not modelled	16.9	0	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c family protein; <b>PDBTitle:</b> omcf, outer membrane cytochrome f from geobacter2 sulfurreducens
50	<a href="#">c2yy8B</a>	Alignment	not modelled	16.8	29	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> upf0106 protein ph0461; <b>PDBTitle:</b> crystal structure of archaeal tRNA-methylase for position2 56 (atm56) from pyrococcus horikoshii, complexed with s-3 adenosyl-l-methionine
51	<a href="#">d1iq8a1</a>	Alignment	not modelled	16.7	14	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> tRNA-guanine transglycosylase <b>Family:</b> tRNA-guanine transglycosylase
52	<a href="#">c2znra</a>	Alignment	not modelled	16.6	37	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> amsh-like protease; <b>PDBTitle:</b> crystal structure of the dub domain of human amsh-ip
53	<a href="#">c3h0mu</a>	Alignment	not modelled	16.1	26	<b>PDB header:</b> ligase <b>Chain:</b> U: <b>PDB Molecule:</b> glutamyl-tRNA(gln) amidotransferase subunit c; <b>PDBTitle:</b> structure of tRNA-dependent amidotransferase gatcab from2 aquifex aeolicus
54	<a href="#">d1kx7a</a>	Alignment	not modelled	16.1	17	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
						<b>PDB header:</b> structural genomics, unknown function

55	<a href="#">c3c4nB</a>	Alignment	not modelled	15.6	25	<b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein dr_0571; <b>PDBTitle:</b> crystal structure of dr_0571 protein from <i>deinococcus</i> 2 radiodurans in complex with adp. northeast structural3 genomics consortium target drr125
56	<a href="#">d1dy7b1</a>	Alignment	not modelled	15.6	22	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
57	<a href="#">d1ccra</a>	Alignment	not modelled	15.2	16	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
58	<a href="#">d1e2rb1</a>	Alignment	not modelled	14.7	23	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
59	<a href="#">d1muka</a>	Alignment	not modelled	14.4	32	<b>Fold:</b> DNA/RNA polymerases <b>Superfamily:</b> DNA/RNA polymerases <b>Family:</b> RNA-dependent RNA-polymerase
60	<a href="#">c3hq2A</a>	Alignment	not modelled	14.3	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> bacillus subtilis m32 carboxypeptidase; <b>PDBTitle:</b> bscup crystal structure
61	<a href="#">d351ca</a>	Alignment	not modelled	13.7	22	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
62	<a href="#">c1w5cT</a>	Alignment	not modelled	13.6	12	<b>PDB header:</b> photosynthesis <b>Chain:</b> T: <b>PDB Molecule:</b> cytochrome c-550; <b>PDBTitle:</b> photosystem ii from <i>thermosynechococcus elongatus</i>
63	<a href="#">d1syya</a>	Alignment	not modelled	13.5	40	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
64	<a href="#">c1syA</a>	Alignment	not modelled	13.5	40	<b>PDB header:</b> replication,oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase beta chain; <b>PDBTitle:</b> crystal structure of the r2 subunit of ribonucleotide reductase from2 <i>chlamydia trachomatis</i>
65	<a href="#">d5csma</a>	Alignment	not modelled	13.4	13	<b>Fold:</b> Chorismate mutase II <b>Superfamily:</b> Chorismate mutase II <b>Family:</b> Allosteric chorismate mutase
66	<a href="#">c3dr0B</a>	Alignment	not modelled	13.3	33	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c6; <b>PDBTitle:</b> structure of reduced cytochrome c6 from <i>synechococcus</i> sp.2 pcc 7002
67	<a href="#">c2v07A</a>	Alignment	not modelled	13.0	27	<b>PDB header:</b> photosynthesis <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c6; <b>PDBTitle:</b> structure of the arabidopsis thaliana cytochrome c6a v52q2 variant
68	<a href="#">d1fcdc2</a>	Alignment	not modelled	12.8	13	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Two-domain cytochrome c
69	<a href="#">c2bpB</a>	Alignment	not modelled	12.5	7	<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 <i>starkeya novella</i>
70	<a href="#">c3thgA</a>	Alignment	not modelled	12.4	14	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> ribulose bisphosphate carboxylase/oxygenase activase 1, <b>PDBTitle:</b> crystal structure of the creosote rubisco activase c-domain
71	<a href="#">c1iq8B</a>	Alignment	not modelled	11.9	12	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> archaeosine tRNA-guanine transglycosylase; <b>PDBTitle:</b> crystal structure of archaeosine tRNA-guanine2 transglycosylase from <i>pyrococcus horikoshii</i>
72	<a href="#">c1smqD</a>	Alignment	not modelled	11.8	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase small chain <b>PDBTitle:</b> structure of the ribonucleotide reductase rnr2 homodimer2 from <i>saccharomyces cerevisiae</i>
73	<a href="#">d1kb0a1</a>	Alignment	not modelled	11.7	15	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Quinoprotein alcohol dehydrogenase, C-terminal domain
74	<a href="#">d1b3qa1</a>	Alignment	not modelled	11.5	26	<b>Fold:</b> ROP-like <b>Superfamily:</b> Homodimeric domain of signal transducing histidine kinase <b>Family:</b> Homodimeric domain of signal transducing histidine kinase
75	<a href="#">d1wi9a</a>	Alignment	not modelled	11.4	21	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> PCI domain (PINT motif)
76	<a href="#">d1c6sa</a>	Alignment	not modelled	11.4	32	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
77	<a href="#">c1fcfdD</a>	Alignment	not modelled	11.2	12	<b>PDB header:</b> electron transport(flavocytochrome) <b>Chain:</b> D: <b>PDB Molecule:</b> flavocytochrome c sulfide dehydrogenase <b>PDBTitle:</b> the structure of flavocytochrome c sulfide dehydrogenase2 from a purple phototrophic bacterium <i>chromatium vinosum</i> at3 2.5 angstroms resolution
78	<a href="#">d2h7aa1</a>	Alignment	not modelled	10.9	24	<b>Fold:</b> YcgL-like <b>Superfamily:</b> YcgL-like <b>Family:</b> YcgL-like
79	<a href="#">c1h1oA</a>	Alignment	not modelled	10.9	18	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c-552; <b>PDBTitle:</b> acidithiobacillus ferrooxidans cytochrome c4 structure2 supports a complex-induced tuning of electron transfer

80	<a href="#">d1jk0a_</a>	Alignment	not modelled	10.8	27	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
81	<a href="#">d1sqwa2</a>	Alignment	not modelled	10.7	17	<b>Fold:</b> Cystatin-like <b>Superfamily:</b> Pre-PUA domain <b>Family:</b> Nip7p homolog, N-terminal domain
82	<a href="#">d1p7na_</a>	Alignment	not modelled	10.6	21	<b>Fold:</b> Retrovirus capsid protein, N-terminal core domain <b>Superfamily:</b> Retrovirus capsid protein, N-terminal core domain <b>Family:</b> Retrovirus capsid protein, N-terminal core domain
83	<a href="#">d2bj7a1</a>	Alignment	not modelled	10.2	28	<b>Fold:</b> Ribbon-helix-helix <b>Superfamily:</b> Ribbon-helix-helix <b>Family:</b> CopG-like
84	<a href="#">c3rlfO_</a>	Alignment	not modelled	9.8	11	<b>PDB header:</b> transcription <b>Chain:</b> O: <b>PDB Molecule:</b> esx-1 secretion-associated regulator espr; <b>PDBTitle:</b> crystal structure of a key regulator of virulence in mycobacterium2 tuberculosis
85	<a href="#">c2zw2B_</a>	Alignment	not modelled	9.7	26	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> putative uncharacterized protein sts178; <b>PDBTitle:</b> crystal structure of formylglycinamide ribonucleotide amidotransferase2 iii from sulfobolus tokodaii (stspurs)
86	<a href="#">c3mk7F_</a>	Alignment	not modelled	9.7	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> cytochrome c oxidase, cbb3-type, subunit p; <b>PDBTitle:</b> the structure of cbb3 cytochrome oxidase
87	<a href="#">d2hzaa1</a>	Alignment	not modelled	9.7	22	<b>Fold:</b> Ribbon-helix-helix <b>Superfamily:</b> Ribbon-helix-helix <b>Family:</b> CopG-like
88	<a href="#">d1hj3a1</a>	Alignment	not modelled	9.6	29	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> N-terminal (heme c) domain of cytochrome cd1-nitrite reductase
89	<a href="#">d1w68a_</a>	Alignment	not modelled	9.6	23	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
90	<a href="#">d1pbya1</a>	Alignment	not modelled	9.6	17	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Quinohemoprotein amine dehydrogenase A chain, domains 1 and 2
91	<a href="#">c2xtsD_</a>	Alignment	not modelled	9.5	29	<b>PDB header:</b> oxidoreductase/electron transport <b>Chain:</b> D: <b>PDB Molecule:</b> cytochrome; <b>PDBTitle:</b> crystal structure of the sulfane dehydrogenase soxcd from paracoccus2 pantotrophus
92	<a href="#">d2hzab1</a>	Alignment	not modelled	9.4	22	<b>Fold:</b> Ribbon-helix-helix <b>Superfamily:</b> Ribbon-helix-helix <b>Family:</b> CopG-like
93	<a href="#">d1em9a_</a>	Alignment	not modelled	8.8	21	<b>Fold:</b> Retrovirus capsid protein, N-terminal core domain <b>Superfamily:</b> Retrovirus capsid protein, N-terminal core domain <b>Family:</b> Retrovirus capsid protein, N-terminal core domain
94	<a href="#">c1k87A_</a>	Alignment	not modelled	8.8	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> proline dehydrogenase; <b>PDBTitle:</b> crystal structure of e.coli puta (residues 1-669)
95	<a href="#">d1c52a_</a>	Alignment	not modelled	8.8	43	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
96	<a href="#">c2yx5A_</a>	Alignment	not modelled	8.8	22	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> upf0062 protein mj1593; <b>PDBTitle:</b> crystal structure of methanocaldococcus jannaschii purs, one of the2 subunits of formylglycinamide ribonucleotide amidotransferase in the3 purine biosynthetic pathway
97	<a href="#">c3o0aB_</a>	Alignment	not modelled	8.8	7	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> leucyl-tRNA synthetase subunit alpha; <b>PDBTitle:</b> crystal structure of the wild type cp1 hydrolitic domain from aquifex2 aeolicus leucyl-tRNA
98	<a href="#">d1s7ia_</a>	Alignment	not modelled	8.5	14	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> DGPF domain (Pfam 04946)
99	<a href="#">c2dt5A_</a>	Alignment	not modelled	8.4	26	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> at-rich dna-binding protein; <b>PDBTitle:</b> crystal structure of ttha1657 (at-rich dna-binding protein) from2 thermus thermophilus hb8