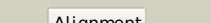
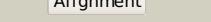
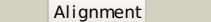
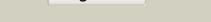
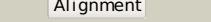
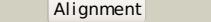
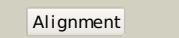
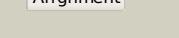
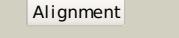
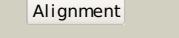
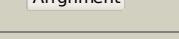


# Phyre<sup>2</sup>

Email	I.a.kelley@imperial.ac.uk
Description	P76399
Date	Thu Jan 5 12:22:40 GMT 2012
Unique Job ID	f7f15792b2296720

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3k07A</a>			100.0	21	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> cation efflux system protein cusa; <b>PDBTitle:</b> crystal structure of cusa
2	<a href="#">c1oy8A</a>			100.0	28	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> acriflavine resistance protein b; <b>PDBTitle:</b> structural basis of multiple drug binding capacity of the acrb2 multidrug efflux pump
3	<a href="#">c3aqpB</a>			100.0	17	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> probable secdf protein-export membrane protein; <b>PDBTitle:</b> crystal structure of secdf, a translocon-associated membrane protein,2 from thermus thermophilus
4	<a href="#">d1iwga8</a>			100.0	27	<b>Fold:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Superfamily:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Family:</b> Multidrug efflux transporter AcrB transmembrane domain
5	<a href="#">d1iwga7</a>			100.0	39	<b>Fold:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Superfamily:</b> Multidrug efflux transporter AcrB transmembrane domain <b>Family:</b> Multidrug efflux transporter AcrB transmembrane domain
6	<a href="#">d1iwga1</a>			99.9	28	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains <b>Family:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains
7	<a href="#">d1iwga2</a>			99.7	20	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains <b>Family:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains
8	<a href="#">d1iwga5</a>			99.5	25	<b>Fold:</b> Multidrug efflux transporter AcrB TolC docking domain; DN and DC subdomains <b>Superfamily:</b> Multidrug efflux transporter AcrB TolC docking domain; DN and DC subdomains <b>Family:</b> Multidrug efflux transporter AcrB TolC docking domain; DN and DC subdomains
9	<a href="#">d1iwga6</a>			99.3	12	<b>Fold:</b> Multidrug efflux transporter AcrB TolC docking domain; DN and DC subdomains <b>Superfamily:</b> Multidrug efflux transporter AcrB TolC docking domain; DN and DC subdomains <b>Family:</b> Multidrug efflux transporter AcrB TolC docking domain; DN and DC subdomains
10	<a href="#">d1iwga3</a>			98.8	21	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains <b>Family:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains
11	<a href="#">d1iwga4</a>			97.3	21	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains <b>Family:</b> Multidrug efflux transporter AcrB pore domain; PN1, PN2, PC1 and PC2 subdomains

12	<a href="#">c2ropA_</a>			93.5	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> copper-transporting atpase 2; <b>PDBTitle:</b> solution structure of domains 3 and 4 of human atp7b
13	<a href="#">c2ew9A_</a>			92.5	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> copper-transporting atpase 2; <b>PDBTitle:</b> solution structure of apowIn5-6
14	<a href="#">c2rmlA_</a>			89.8	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> copper-transporting p-type atpase copa; <b>PDBTitle:</b> solution structure of the n-terminal soluble domains of2 bacillus subtilis copa
15	<a href="#">d1q8la_</a>			81.7	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
16	<a href="#">d1s6ua_</a>			81.4	16	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
17	<a href="#">c2yvxuD_</a>			81.3	12	<b>PDB header:</b> transport protein <b>Chain:</b> D: <b>PDB Molecule:</b> mg2+ transporter mgte; <b>PDBTitle:</b> crystal structure of magnesium transporter mgte
18	<a href="#">d2aw0a_</a>			78.9	24	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
19	<a href="#">d1uwda_</a>			78.7	20	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> Fe-S cluster assembly (FSCA) domain-like <b>Family:</b> PaaD-like
20	<a href="#">c2kkhA_</a>			78.0	18	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> putative heavy metal transporter; <b>PDBTitle:</b> structure of the zinc binding domain of the atpase hma4
21	<a href="#">c2kt2A_</a>		not modelled	74.9	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> mercuric reductase; <b>PDBTitle:</b> structure of nmera, the n-terminal hma domain of tn501 mercuric2 reductase
22	<a href="#">d1kvja_</a>		not modelled	74.8	15	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
23	<a href="#">c2ga7A_</a>		not modelled	71.2	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> copper-transporting atpase 1; <b>PDBTitle:</b> solution structure of the copper(i) form of the third metal-2 binding domain of atp7a protein (menkes disease protein)
24	<a href="#">c1y3kA_</a>		not modelled	67.3	10	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> copper-transporting atpase 1; <b>PDBTitle:</b> solution structure of the apo form of the fifth domain of2 menkes protein
25	<a href="#">c1yg0A_</a>		not modelled	66.2	22	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> cop associated protein; <b>PDBTitle:</b> solution structure of apo-copp from helicobacter pylori
26	<a href="#">c1yj7A_</a>		not modelled	61.7	15	<b>PDB header:</b> protein transport <b>Chain:</b> A: <b>PDB Molecule:</b> escj; <b>PDBTitle:</b> crystal structure of enteropathogenic e.coli (epec) type iii secretion system protein escj
27	<a href="#">d1p6ta1</a>		not modelled	60.3	15	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
28	<a href="#">c3dxsX_</a>		not modelled	56.6	17	<b>PDB header:</b> hydrolase <b>Chain:</b> X: <b>PDB Molecule:</b> copper-transporting atpase ran1; <b>PDBTitle:</b> crystal structure of a copper binding domain from hma7, a p-2 type atpase
						<b>Fold:</b> Alpha-lytic protease prodomain-like

29	d2cu6a1	Alignment	not modelled	56.2	18	<b>Superfamily:</b> Fe-S cluster assembly (FSCA) domain-like <b>Family:</b> PaaD-like
30	d2qifa1	Alignment	not modelled	56.2	24	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
31	c2l3mA_	Alignment	not modelled	55.6	13	<b>PDB header:</b> metal binding protein <b>Chain: A: PDB Molecule:</b> copper-ion-binding protein; <b>PDBTitle:</b> solution structure of the putative copper-ion-binding protein from <i>bacillus anthracis</i> str. ames
32	c2gcfA_	Alignment	not modelled	55.4	16	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> cation-transporting atpase pacs; <b>PDBTitle:</b> solution structure of the n-terminal domain of the copper(i) atpase2 pacs in its apo form
33	c2ofhX_	Alignment	not modelled	52.3	24	<b>PDB header:</b> hydrolase, membrane protein <b>Chain: X: PDB Molecule:</b> zinc-transporting atpase; <b>PDBTitle:</b> solution structure of the n-terminal domain of the zinc(ii) atpase2 ziaa in its apo form
34	c1yjrA_	Alignment	not modelled	50.8	11	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> copper-transporting atpase 1; <b>PDBTitle:</b> solution structure of the apo form of the sixth soluble2 domain a69p mutant of menkes protein
35	d1afia_	Alignment	not modelled	49.8	15	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
36	c2aj1A_	Alignment	not modelled	49.3	22	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> probable cadmium-transporting atpase; <b>PDBTitle:</b> solution structure of apocada
37	d1p6ta2	Alignment	not modelled	49.1	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
38	d2ggpb1	Alignment	not modelled	48.6	11	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
39	c3lnoA_	Alignment	not modelled	48.1	12	<b>PDB header:</b> unknown function <b>Chain: A: PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> crystal structure of domain of unknown function duf59 from <i>bacillus anthracis</i>
40	c2k2pA_	Alignment	not modelled	48.0	9	<b>PDB header:</b> structural genomics, unknown function <b>Chain: A: PDB Molecule:</b> uncharacterized protein atu1203; <b>PDBTitle:</b> solution nmr structure of protein atu1203 from agrobacterium tumefaciens. northeast structural genomics consortium (nesg) target3 atl10, ontario center for structural proteomics target atl1183
41	c2ldiA_	Alignment	not modelled	47.8	27	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> zinc-transporting atpase; <b>PDBTitle:</b> nmr solution structure of ziaan sub mutant
42	d1cpza_	Alignment	not modelled	46.1	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
43	d1lupa2	Alignment	not modelled	45.5	9	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
44	c2yy3B_	Alignment	not modelled	45.0	11	<b>PDB header:</b> translation <b>Chain: B: PDB Molecule:</b> elongation factor 1-beta; <b>PDBTitle:</b> crystal structure of translation elongation factor ef-1 beta from <i>pyrococcus horikoshii</i>
45	d2cfxa2	Alignment	not modelled	42.9	0	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
46	d2nwwa1	Alignment	not modelled	42.9	14	<b>Fold:</b> Proton glutamate symport protein <b>Superfamily:</b> Proton glutamate symport protein <b>Family:</b> Proton glutamate symport protein
47	d1osda_	Alignment	not modelled	42.3	11	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
48	c1jk9D_	Alignment	not modelled	37.0	8	<b>PDB header:</b> oxidoreductase <b>Chain: D: PDB Molecule:</b> copper chaperone for superoxide dismutase; <b>PDBTitle:</b> heterodimer between h48f-ysod1 and yccs
49	d1sb6a_	Alignment	not modelled	36.9	9	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
50	d2cg4a2	Alignment	not modelled	33.7	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
51	d2cyya2	Alignment	not modelled	32.7	7	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
52	c2rogA_	Alignment	not modelled	32.2	16	<b>PDB header:</b> metal binding protein <b>Chain: A: PDB Molecule:</b> heavy metal binding protein; <b>PDBTitle:</b> solution structure of <i>thermus thermophilus</i> hb8 ttha17182 protein in living <i>e. coli</i> cells
53	c2zbch_	Alignment	not modelled	29.1	9	<b>PDB header:</b> transcription <b>Chain: H: PDB Molecule:</b> 83aa long hypothetical transcriptional regulator asnc; <b>PDBTitle:</b> crystal structure of sts042, a stand-alone ram module protein, from <i>hyperthermophilic archaeon sulfolobus tokodaii</i> strain7.
54	c2h5xA_	Alignment	not modelled	26.9	16	<b>PDB header:</b> dna binding protein <b>Chain: A: PDB Molecule:</b> holliday junction atp-dependent dna helicase ruva; <b>PDBTitle:</b> ruva from <i>mycobacterium tuberculosis</i>
						<b>Fold:</b> Ferredoxin-like

55	<a href="#">d1l1ga2</a>	Alignment	not modelled	26.2	14	<b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
56	<a href="#">c2bbjB</a>	Alignment	not modelled	26.0	15	<b>PDB header:</b> metal transport/membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> divalent cation transport-related protein; <b>PDBTitle:</b> crystal structure of the cora mg2+ transporter
57	<a href="#">c2e1aD</a>	Alignment	not modelled	24.2	11	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> 75aa long hypothetical regulatory protein asnc; <b>PDBTitle:</b> crystal structure of ffrp-dm1
58	<a href="#">d1cc8a</a>	Alignment	not modelled	23.3	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
59	<a href="#">c3j09A</a>	Alignment	not modelled	22.1	9	<b>PDB header:</b> hydrolase, metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> copper-exporting p-type atpase a; <b>PDBTitle:</b> high resolution helical reconstruction of the bacterial p-type atpase2 copper transporter copa
60	<a href="#">d1f7ua3</a>	Alignment	not modelled	22.0	32	<b>Fold:</b> RRF/tRNA synthetase additional domain-like <b>Superfamily:</b> Arginyl-tRNA synthetase (ArgRS), N-terminal 'additional' domain <b>Family:</b> Arginyl-tRNA synthetase (ArgRS), N-terminal 'additional' domain
61	<a href="#">d2yvxa3</a>	Alignment	not modelled	21.8	10	<b>Fold:</b> MgtE membrane domain-like <b>Superfamily:</b> MgtE membrane domain-like <b>Family:</b> MgtE membrane domain-like
62	<a href="#">c2djwF</a>	Alignment	not modelled	21.5	10	<b>PDB header:</b> unknown function <b>Chain:</b> F: <b>PDB Molecule:</b> probable transcriptional regulator, asnc family; <b>PDBTitle:</b> crystal structure of ttha0845 from thermus thermophilus hb8
63	<a href="#">c3g7sa</a>	Alignment	not modelled	20.9	24	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> long-chain-fatty-acid--coa ligase (fadd1); <b>PDBTitle:</b> crystal structure of a long-chain-fatty-acid-coa ligase2 (fadd1) from archaeoglobus fulgidus
64	<a href="#">c2kncA</a>	Alignment	not modelled	19.9	10	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iib; <b>PDBTitle:</b> platelet integrin alfa1b-beta3 transmembrane-cytoplasmic2 heterocomplex
65	<a href="#">c2hdia</a>	Alignment	not modelled	19.6	20	<b>PDB header:</b> protein transport,antimicrobial protein <b>Chain:</b> A: <b>PDB Molecule:</b> colicin i receptor; <b>PDBTitle:</b> crystal structure of the colicin i receptor cir from e.coli in complex2 with receptor binding domain of colicin ia.
66	<a href="#">c2z51A</a>	Alignment	not modelled	19.2	12	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> nifu-like protein 2, chloroplast; <b>PDBTitle:</b> crystal structure of arabidopsis cnfu involved in iron-2 sulfur cluster biosynthesis
67	<a href="#">c3c6fD</a>	Alignment	not modelled	19.2	6	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> yef2 protein; <b>PDBTitle:</b> crystal structure of protein bsu07140 from bacillus subtilis
68	<a href="#">c1lquP</a>	Alignment	not modelled	18.7	9	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> superoxide dismutase 1 copper chaperone; <b>PDBTitle:</b> crystal structure of the copper chaperone for superoxide2 dismutase
69	<a href="#">c2jnvA</a>	Alignment	not modelled	18.4	14	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> nifu-like protein 1, chloroplast; <b>PDBTitle:</b> solution structure of c-terminal domain of nifu-like2 protein from oryza sativa
70	<a href="#">d2gufa1</a>	Alignment	not modelled	18.1	17	<b>Fold:</b> Transmembrane beta-barrels <b>Superfamily:</b> Porins <b>Family:</b> Ligand-gated protein channel
71	<a href="#">c1ciIA</a>	Alignment	not modelled	18.1	17	<b>PDB header:</b> transmembrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> colicin ia; <b>PDBTitle:</b> colicin ia
72	<a href="#">d2vv5a2</a>	Alignment	not modelled	16.7	10	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Mechanosensitive channel protein MscS (YggB), C-terminal domain <b>Family:</b> Mechanosensitive channel protein MscS (YggB), C-terminal domain
73	<a href="#">d1oeya</a>	Alignment	not modelled	16.4	19	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> CAD & PB1 domains <b>Family:</b> PB1 domain
74	<a href="#">c2e1cA</a>	Alignment	not modelled	16.4	6	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> putative hth-type transcriptional regulator ph1519; <b>PDBTitle:</b> structure of putative hth-type transcriptional regulator ph1519/dna2 complex
75	<a href="#">d1mwza</a>	Alignment	not modelled	16.0	20	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
76	<a href="#">c2vbzA</a>	Alignment	not modelled	14.8	14	<b>PDB header:</b> dna-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulatory protein; <b>PDBTitle:</b> feast or famine regulatory protein (rv3291c)from m.2 tuberculosis complexed with l-tryptophan
77	<a href="#">c2crlA</a>	Alignment	not modelled	14.0	12	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> copper chaperone for superoxide dismutase; <b>PDBTitle:</b> the apo form of hma domain of copper chaperone for2 superoxide dismutase
78	<a href="#">c2pehA</a>	Alignment	not modelled	13.8	12	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> splicing factor 45; <b>PDBTitle:</b> crystal structure of the uhm domain of human spf45 in complex with2 sf3b155-ulm5
79	<a href="#">c2kyzA</a>	Alignment	not modelled	13.4	20	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> heavy metal binding protein; <b>PDBTitle:</b> nmr structure of heavy metal binding protein tm0320 from thermotoga2 maritima

80	<a href="#">c3aqoD_</a>	Alignment	not modelled	13.0	18	<b>PDB header:</b> membrane protein <b>Chain:</b> D: <b>PDB Molecule:</b> probable secdf protein-export membrane protein; <b>PDBTitle:</b> structure and function of a membrane component secdf that enhances2 protein export
81	<a href="#">d1jb0i_</a>	Alignment	not modelled	12.9	16	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Subunit VIII of photosystem I reaction centre, Psal <b>Family:</b> Subunit VIII of photosystem I reaction centre, Psal
82	<a href="#">d1nwaa_</a>	Alignment	not modelled	12.5	21	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
83	<a href="#">c1nwaA_</a>	Alignment	not modelled	12.5	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> peptide methionine sulfoxide reductase msra; <b>PDBTitle:</b> structure of mycobacterium tuberculosis methionine2 sulfoxide reductase a in complex with protein-bound3 methionine
84	<a href="#">c1vs3B_</a>	Alignment	not modelled	12.2	25	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> tRNA pseudouridine synthase a; <b>PDBTitle:</b> crystal structure of the tRNA pseudouridine synthase trua from thermus2 thermophilus hb8
85	<a href="#">c3iplB_</a>	Alignment	not modelled	11.8	11	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> 2-succinylbenzoate--coa ligase; <b>PDBTitle:</b> crystal structure of o-succinylbenzoic acid-coa ligase from staphylococcus aureus subsp. aureus mu50
86	<a href="#">c2i8bB_</a>	Alignment	not modelled	11.2	25	<b>PDB header:</b> viral protein <b>Chain:</b> B: <b>PDB Molecule:</b> minor nucleoprotein vp30; <b>PDBTitle:</b> crystal structure of the c-terminal domain of ebola virus vp30
87	<a href="#">d2pgca1</a>	Alignment	not modelled	11.1	20	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Marine metagenome family DABB3
88	<a href="#">c2zztA_</a>	Alignment	not modelled	10.8	8	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> crystal structure of the cytosolic domain of the cation2 diffusion facilitator family protein
89	<a href="#">c3ibwA_</a>	Alignment	not modelled	10.7	29	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> gtp pyrophosphokinase; <b>PDBTitle:</b> crystal structure of the act domain from gtp2 pyrophosphokinase of chlorobium tepidum. northeast3 structural genomics consortium target ctr148a
90	<a href="#">c3s6eB_</a>	Alignment	not modelled	10.6	6	<b>PDB header:</b> rna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> rna-binding protein 39; <b>PDBTitle:</b> crystal structure of a rna binding motif protein 39 (rbm39) from mus2 musculus at 0.95 a resolution
91	<a href="#">c1w8xP_</a>	Alignment	not modelled	10.5	24	<b>PDB header:</b> virus <b>Chain:</b> P: <b>PDB Molecule:</b> protein p16; <b>PDBTitle:</b> structural analysis of prd1
92	<a href="#">clu5tA_</a>	Alignment	not modelled	10.3	14	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> appears to be functionally related to snf7; <b>PDBTitle:</b> structure of the escrt-ii endosomal trafficking complex
93	<a href="#">d1th5a1</a>	Alignment	not modelled	9.9	17	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> Fe-S cluster assembly (FSCA) domain-like <b>Family:</b> NifU C-terminal domain-like
94	<a href="#">c2y9jt_</a>	Alignment	not modelled	9.7	13	<b>PDB header:</b> protein transport <b>Chain:</b> T: <b>PDB Molecule:</b> protein prgh; <b>PDBTitle:</b> three-dimensional model of salmonella's needle complex at2 subnanometer resolution
95	<a href="#">c2k1hA_</a>	Alignment	not modelled	9.7	13	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein ser13; <b>PDBTitle:</b> solution nmr structure of ser13 from staphylococcus epidermidis.2 northeast structural genomics consortium target ser13
96	<a href="#">d2ffma1</a>	Alignment	not modelled	9.3	14	<b>Fold:</b> Hypothetical protein SAV1430 <b>Superfamily:</b> Hypothetical protein SAV1430 <b>Family:</b> Hypothetical protein SAV1430
97	<a href="#">d1s7ba_</a>	Alignment	not modelled	9.3	18	<b>Fold:</b> Multidrug resistance efflux transporter EmrE <b>Superfamily:</b> Multidrug resistance efflux transporter EmrE <b>Family:</b> Multidrug resistance efflux transporter EmrE
98	<a href="#">d1by5a_</a>	Alignment	not modelled	8.7	22	<b>Fold:</b> Transmembrane beta-barrels <b>Superfamily:</b> Porins <b>Family:</b> Ligand-gated protein channel
99	<a href="#">d1tkeal</a>	Alignment	not modelled	8.7	18	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> TGS-like <b>Family:</b> TGS domain