



















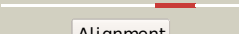












# Phyre2

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Description	P31224
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Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c1oy8A_</a>	 Alignment		100.0	100	<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
2	<a href="#">c3k07A_</a>	 Alignment		100.0	20	<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
3	<a href="#">c3aqpB_</a>	 Alignment		100.0	18	<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 thrmophilus
4	<a href="#">dliwga8</a>	 Alignment		100.0	87	<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="#">dliwga7</a>	 Alignment		100.0	89	<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="#">dliwga1</a>	 Alignment		99.9	100	<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="#">dliwga2</a>	 Alignment		99.7	63	<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="#">dliwga5</a>	 Alignment		99.7	100	<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="#">dliwga6</a>	 Alignment		99.3	100	<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="#">dliwga3</a>	 Alignment		99.1	100	<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="#">dliwga4</a>	 Alignment		98.0	100	<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>	Alignment		95.4	13	<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>	Alignment		93.2	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> copper-transporting atpase 2; <b>PDBTitle:</b> solution structure of apowln5-6
14	<a href="#">d1s6ua_</a>	Alignment		90.6	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
15	<a href="#">d2aw0a_</a>	Alignment		89.8	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
16	<a href="#">d1cpza_</a>	Alignment		89.5	21	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
17	<a href="#">d1q8la_</a>	Alignment		89.2	14	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
18	<a href="#">d2qifa1</a>	Alignment		88.9	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
19	<a href="#">c3dxsX_</a>	Alignment		87.9	20	<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
20	<a href="#">c1yjrA_</a>	Alignment		87.5	14	<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 sixth soluble2 domain a69p mutant of menkes protein
21	<a href="#">c2l3mA_</a>	Alignment	not modelled	87.3	14	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> copper-ion-binding protein; <b>PDBTitle:</b> solution structure of the putative copper-ion-binding protein from2 bacillus anthracis str. ames
22	<a href="#">d1kvja_</a>	Alignment	not modelled	86.6	22	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
23	<a href="#">d1p6ta1</a>	Alignment	not modelled	86.4	20	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
24	<a href="#">c2ga7A_</a>	Alignment	not modelled	86.3	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)
25	<a href="#">d1osda_</a>	Alignment	not modelled	85.6	16	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
26	<a href="#">c2ldiA_</a>	Alignment	not modelled	85.4	17	<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
27	<a href="#">c2yvxD_</a>	Alignment	not modelled	85.4	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
28	<a href="#">d1p6ta2</a>	Alignment	not modelled	85.0	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
29	<a href="#">c2kt2A_</a>	Alignment	not modelled	84.6	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> mercuric reductase;

29	<a href="#">c2kzA</a>	Alignment	not modelled	84.0	10	<b>PDBTitle:</b> structure of nmera, the n-terminal hma domain of tn501 mercuric2 reductase
30	<a href="#">c1yg0A</a>	Alignment	not modelled	83.9	9	<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
31	<a href="#">c2kkhA</a>	Alignment	not modelled	83.9	9	<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
32	<a href="#">c1y3kA</a>	Alignment	not modelled	80.5	16	<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
33	<a href="#">d1afia</a>	Alignment	not modelled	79.4	14	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
34	<a href="#">c2rmlA</a>	Alignment	not modelled	78.8	16	<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
35	<a href="#">c2ofhX</a>	Alignment	not modelled	76.3	15	<b>PDB header:</b> hydrolase, membrane protein <b>Chain:</b> X: <b>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
36	<a href="#">d1qupa2</a>	Alignment	not modelled	75.8	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
37	<a href="#">c1jk9D</a>	Alignment	not modelled	70.5	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> copper chaperone for superoxide dismutase; <b>PDBTitle:</b> heterodimer between h48f-yso1 and yccs
38	<a href="#">c2k2pA</a>	Alignment	not modelled	70.0	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein atu1203; <b>PDBTitle:</b> solution nmr structure of protein atu1203 from agrobacterium2 tumefaciens. northeast structural genomics consortium (nesg) target3 att10, ontario center for structural proteomics target atc1183
39	<a href="#">d1mwza</a>	Alignment	not modelled	69.6	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
40	<a href="#">d2ggpb1</a>	Alignment	not modelled	68.7	13	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
41	<a href="#">d1sb6a</a>	Alignment	not modelled	68.0	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
42	<a href="#">c2gcfA</a>	Alignment	not modelled	67.5	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> cation-transporting atpase pacs; <b>PDBTitle:</b> solution structure of the n-terminal domain of the copppe(i) atpase2 pacs in its apo form
43	<a href="#">c2rogA</a>	Alignment	not modelled	61.9	13	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> heavy metal binding protein; <b>PDBTitle:</b> solution structure of thermus thermophilus hb8 ttha17182 protein in living e. coli cells
44	<a href="#">c2crlA</a>	Alignment	not modelled	58.9	15	<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
45	<a href="#">c2aj1A</a>	Alignment	not modelled	58.3	13	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> probable cadmium-transporting atpase; <b>PDBTitle:</b> solution structure of apocada
46	<a href="#">c1qupA</a>	Alignment	not modelled	55.4	11	<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
47	<a href="#">d1cc8a</a>	Alignment	not modelled	53.1	12	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
48	<a href="#">d2vv5a2</a>	Alignment	not modelled	52.6	15	<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
49	<a href="#">c3j09A</a>	Alignment	not modelled	47.2	15	<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
50	<a href="#">d2yvxa3</a>	Alignment	not modelled	41.7	13	<b>Fold:</b> MgtE membrane domain-like <b>Superfamily:</b> MgtE membrane domain-like <b>Family:</b> MgtE membrane domain-like
51	<a href="#">c2kyzA</a>	Alignment	not modelled	37.2	12	<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
52	<a href="#">d2nwwa1</a>	Alignment	not modelled	34.0	8	<b>Fold:</b> Proton glutamate symport protein <b>Superfamily:</b> Proton glutamate symport protein <b>Family:</b> Proton glutamate symport protein
53	<a href="#">c1yj7A</a>	Alignment	not modelled	33.0	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 secretion2 system protein escj
54	<a href="#">d2cu6a1</a>	Alignment	not modelled	24.5	23	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> Fe-S cluster assembly (FSCA) domain-like <b>Family:</b> PaaD-like

55	<a href="#">c3c6fD</a>	Alignment	not modelled	20.5	3	<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
56	<a href="#">c2kncA</a>	Alignment	not modelled	18.3	2	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiB; <b>PDBTitle:</b> platelet integrin alpha-iiB-beta3 transmembrane-cytoplasmic2 heterocomplex
57	<a href="#">d1pw4a</a>	Alignment	not modelled	17.8	9	<b>Fold:</b> MFS general substrate transporter <b>Superfamily:</b> MFS general substrate transporter <b>Family:</b> Glycerol-3-phosphate transporter
58	<a href="#">d1uwda</a>	Alignment	not modelled	17.5	18	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> Fe-S cluster assembly (FSCA) domain-like <b>Family:</b> PaaD-like
59	<a href="#">c2yy3B</a>	Alignment	not modelled	16.7	9	<b>PDB header:</b> translation <b>Chain:</b> B: <b>PDB Molecule:</b> elongation factor 1-beta; <b>PDBTitle:</b> crystal structure of translation elongation factor ef-1 beta from2 pyrococcus horikoshii
60	<a href="#">c1ciiA</a>	Alignment	not modelled	16.4	17	<b>PDB header:</b> transmembrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> colicin ia; <b>PDBTitle:</b> colicin ia
61	<a href="#">d1ek8a</a>	Alignment	not modelled	15.0	21	<b>Fold:</b> RRF/tRNA synthetase additional domain-like <b>Superfamily:</b> Ribosome recycling factor, RRF <b>Family:</b> Ribosome recycling factor, RRF
62	<a href="#">c2jnvA</a>	Alignment	not modelled	13.0	12	<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
63	<a href="#">c3fryB</a>	Alignment	not modelled	12.1	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> probable copper-exporting p-type atpase a; <b>PDBTitle:</b> crystal structure of the copa c-terminal metal binding domain
64	<a href="#">d1qmgal</a>	Alignment	not modelled	11.7	25	<b>Fold:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Superfamily:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Family:</b> Acetohydroxy acid isomeroeductase (ketol-acid reductoisomerase, KARI)
65	<a href="#">d1jb0i</a>	Alignment	not modelled	10.5	19	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Subunit VIII of photosystem I reaction centre, PsaI <b>Family:</b> Subunit VIII of photosystem I reaction centre, PsaI
66	<a href="#">c1a87A</a>	Alignment	not modelled	10.3	13	<b>PDB header:</b> bacteriocin <b>Chain:</b> A: <b>PDB Molecule:</b> colicin n; <b>PDBTitle:</b> colicin n
67	<a href="#">d1a87a</a>	Alignment	not modelled	10.3	13	<b>Fold:</b> Toxins' membrane translocation domains <b>Superfamily:</b> Colicin <b>Family:</b> Colicin
68	<a href="#">d1dd5a</a>	Alignment	not modelled	10.2	16	<b>Fold:</b> RRF/tRNA synthetase additional domain-like <b>Superfamily:</b> Ribosome recycling factor, RRF <b>Family:</b> Ribosome recycling factor, RRF
69	<a href="#">d2cfxa2</a>	Alignment	not modelled	10.2	7	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
70	<a href="#">c2i88A</a>	Alignment	not modelled	10.1	6	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> colicin-e1; <b>PDBTitle:</b> crystal structure of the channel-forming domain of colicin2 e1
71	<a href="#">d1is1a</a>	Alignment	not modelled	10.0	16	<b>Fold:</b> RRF/tRNA synthetase additional domain-like <b>Superfamily:</b> Ribosome recycling factor, RRF <b>Family:</b> Ribosome recycling factor, RRF
72	<a href="#">d1fe0a</a>	Alignment	not modelled	9.7	13	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> HMA, heavy metal-associated domain <b>Family:</b> HMA, heavy metal-associated domain
73	<a href="#">d1wqga1</a>	Alignment	not modelled	9.2	15	<b>Fold:</b> RRF/tRNA synthetase additional domain-like <b>Superfamily:</b> Ribosome recycling factor, RRF <b>Family:</b> Ribosome recycling factor, RRF
74	<a href="#">c3qlbA</a>	Alignment	not modelled	9.0	12	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> enantio-pyochelin receptor; <b>PDBTitle:</b> enantio-pyochelin outer membrane tonB-dependent transporter from2 pseudomonas fluorescens bound to the ferri-enantio-pyochelin
75	<a href="#">c3g7sA</a>	Alignment	not modelled	9.0	18	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> long-chain-fatty-acid-coa ligase (fadd-1); <b>PDBTitle:</b> crystal structure of a long-chain-fatty-acid-coa ligase2 (fadd1) from archaeoglobus fulgidus
76	<a href="#">c2hdiA</a>	Alignment	not modelled	9.0	33	<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.
77	<a href="#">d2b3ya2</a>	Alignment	not modelled	8.9	43	<b>Fold:</b> Aconitase iron-sulfur domain <b>Superfamily:</b> Aconitase iron-sulfur domain <b>Family:</b> Aconitase iron-sulfur domain
78	<a href="#">d2cg4a2</a>	Alignment	not modelled	8.8	7	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
79	<a href="#">d1nwaa</a>	Alignment	not modelled	8.7	24	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Peptide methionine sulfoxide reductase <b>Family:</b> Peptide methionine sulfoxide reductase
80	<a href="#">c1nwaA</a>	Alignment	not modelled	8.7	24	<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
81	<a href="#">c2i8bB_</a>	Alignment	not modelled	8.6	22	<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
82	<a href="#">d1eh1a_</a>	Alignment	not modelled	8.4	15	<b>Fold:</b> RRF/tRNA synthetase additional domain-like <b>Superfamily:</b> Ribosome recycling factor, RRF <b>Family:</b> Ribosome recycling factor, RRF
83	<a href="#">c2yg8B_</a>	Alignment	not modelled	8.4	14	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> dna-3-methyladenine glycosidase ii, putative; <b>PDBTitle:</b> structure of an unusual 3-methyladenine dna glycosylase ii (2 alka) from deinococcus radiodurans
84	<a href="#">d2phcb2</a>	Alignment	not modelled	8.3	19	<b>Fold:</b> DCoH-like <b>Superfamily:</b> PH0987 N-terminal domain-like <b>Family:</b> PH0987 N-terminal domain-like
85	<a href="#">d1lr0a_</a>	Alignment	not modelled	7.9	13	<b>Fold:</b> TolA/TonB C-terminal domain <b>Superfamily:</b> TolA/TonB C-terminal domain <b>Family:</b> TolA
86	<a href="#">d2cyya2</a>	Alignment	not modelled	7.9	2	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Lrp/AsnC-like transcriptional regulator C-terminal domain
87	<a href="#">d1bvsa2</a>	Alignment	not modelled	7.8	15	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> RuvA domain 2-like <b>Family:</b> DNA helicase RuvA subunit, middle domain
88	<a href="#">c3bdeA_</a>	Alignment	not modelled	7.8	3	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> ml15499 protein; <b>PDBTitle:</b> crystal structure of a dabb family protein with a ferredoxin-like fold2 (ml15499) from mesorhizobium loti maff303099 at 1.79 a resolution
89	<a href="#">d1s7ba_</a>	Alignment	not modelled	7.7	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
90	<a href="#">d1h3da2</a>	Alignment	not modelled	7.6	19	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> GlnB-like <b>Family:</b> ATP phosphoribosyltransferase (ATP-PRTase, HisG), regulatory C-terminal domain
91	<a href="#">c3lkxB_</a>	Alignment	not modelled	7.6	19	<b>PDB header:</b> chaperone <b>Chain:</b> B: <b>PDB Molecule:</b> nascent polypeptide-associated complex subunit alpha; <b>PDBTitle:</b> human nac dimerization domain
92	<a href="#">c3lnoA_</a>	Alignment	not modelled	7.5	12	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> crystal structure of domain of unknown function duf59 from2 bacillus anthracis
93	<a href="#">c2h5xA_</a>	Alignment	not modelled	7.5	19	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> holliday junction atp-dependent dna helicase ruva; <b>PDBTitle:</b> ruva from mycobacterium tuberculosis
94	<a href="#">c1d8lA_</a>	Alignment	not modelled	7.5	19	<b>PDB header:</b> gene regulation <b>Chain:</b> A: <b>PDB Molecule:</b> protein (holliday junction dna helicase ruva); <b>PDBTitle:</b> e. coli holliday junction binding protein ruva nh2 region2 lacking domain iii
95	<a href="#">c2k9pA_</a>	Alignment	not modelled	7.4	19	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> pheromone alpha factor receptor; <b>PDBTitle:</b> structure of tm1_tm2 in lppg micelles
96	<a href="#">d1wiha_</a>	Alignment	not modelled	7.4	15	<b>Fold:</b> RRF/tRNA synthetase additional domain-like <b>Superfamily:</b> Ribosome recycling factor, RRF <b>Family:</b> Ribosome recycling factor, RRF
97	<a href="#">c3ibwA_</a>	Alignment	not modelled	7.4	24	<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
98	<a href="#">c2ki0A_</a>	Alignment	not modelled	7.4	6	<b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> ds119; <b>PDBTitle:</b> nmr structure of a de novo designed beta alpha beta
99	<a href="#">d1ydx2</a>	Alignment	not modelled	7.3	11	<b>Fold:</b> DNA methylase specificity domain <b>Superfamily:</b> DNA methylase specificity domain <b>Family:</b> Type I restriction modification DNA specificity domain