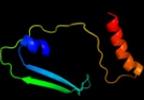
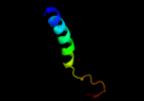
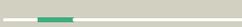
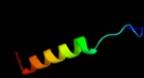
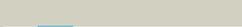


# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P77173
Date	Thu Jan 5 12:25:58 GMT 2012
Unique Job ID	e842081890ccb440

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1f46a_</a>	 Alignment		100.0	99	<b>Fold:</b> TBP-like <b>Superfamily:</b> Cell-division protein ZipA, C-terminal domain <b>Family:</b> Cell-division protein ZipA, C-terminal domain
2	<a href="#">c1qmiC_</a>	 Alignment		79.0	13	<b>PDB header:</b> rna 3'-terminal phosphate cyclase <b>Chain:</b> C: <b>PDB Molecule:</b> rna 3'-terminal phosphate cyclase; <b>PDBTitle:</b> crystal structure of rna 3'-terminal phosphate cyclase, an2 ubiquitous enzyme with unusual topology
3	<a href="#">c2kncA_</a>	 Alignment		75.4	18	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiB; <b>PDBTitle:</b> platelet integrin alfaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex
4	<a href="#">c3sokB_</a>	 Alignment		55.5	19	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> fimbrial protein; <b>PDBTitle:</b> dichelobacter nodosus pilin fima
5	<a href="#">d2pila_</a>	 Alignment		48.9	32	<b>Fold:</b> Pili subunits <b>Superfamily:</b> Pili subunits <b>Family:</b> Pilin
6	<a href="#">c2kncB_</a>	 Alignment		45.6	35	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> integrin beta-3; <b>PDBTitle:</b> platelet integrin alfaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex
7	<a href="#">d2axtj1</a>	 Alignment		45.0	33	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Photosystem II reaction center protein J, PsbJ <b>Family:</b> PsbJ-like
8	<a href="#">c1afoB_</a>	 Alignment		43.6	36	<b>PDB header:</b> integral membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> glycophorin a; <b>PDBTitle:</b> dimeric transmembrane domain of human glycophorin a, nmr,2 20 structures
9	<a href="#">c2k21A_</a>	 Alignment		41.0	15	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> potassium voltage-gated channel subfamily e <b>PDBTitle:</b> nmr structure of human kcne1 in Impg micelles at ph 6.0 and2 40 degree c
10	<a href="#">c2jwaA_</a>	 Alignment		40.6	26	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> receptor tyrosine-protein kinase erbb-2; <b>PDBTitle:</b> erbb2 transmembrane segment dimer spatial structure
11	<a href="#">d1oqwa_</a>	 Alignment		39.3	29	<b>Fold:</b> Pili subunits <b>Superfamily:</b> Pili subunits <b>Family:</b> Pilin

12	<a href="#">c3pqvD_</a>	Alignment		38.3	17	<b>PDB header:</b> unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> rcl1 protein; <b>PDBTitle:</b> cyclase homolog
13	<a href="#">c2l9uA_</a>	Alignment		38.1	24	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> receptor tyrosine-protein kinase erbb-3; <b>PDBTitle:</b> spatial structure of dimeric erbb3 transmembrane domain
14	<a href="#">c2it3B_</a>	Alignment		33.2	25	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> upf0130 protein ph1069; <b>PDBTitle:</b> structure of ph1069 protein from pyrococcus horikoshii
15	<a href="#">c2dvkA_</a>	Alignment		32.2	19	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> upf0130 protein ape0816; <b>PDBTitle:</b> crystal structure of hypothetical protein from aeropyrum pernix
16	<a href="#">d2o02a1</a>	Alignment		31.3	14	<b>Fold:</b> alpha-alpha superhelix <b>Superfamily:</b> 14-3-3 protein <b>Family:</b> 14-3-3 protein
17	<a href="#">c2qq3B_</a>	Alignment		31.0	32	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> upf0130 protein af_2059; <b>PDBTitle:</b> crystal structure of a tyw3 methyltransferase-like protein (af_2059)2 from archaeoglobus fulgidus dsm 4304 at 1.95 a resolution
18	<a href="#">d1fftb2</a>	Alignment		30.7	20	<b>Fold:</b> Transmembrane helix hairpin <b>Superfamily:</b> Cytochrome c oxidase subunit II-like, transmembrane region <b>Family:</b> Cytochrome c oxidase subunit II-like, transmembrane region
19	<a href="#">c2jp3A_</a>	Alignment		30.3	20	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> fxyd domain-containing ion transport regulator 4; <b>PDBTitle:</b> solution structure of the human fxyd4 (chif) protein in sds2 micelles
20	<a href="#">c2c1nA_</a>	Alignment		28.5	14	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> 14-3-3 protein zeta/delta; <b>PDBTitle:</b> molecular basis for the recognition of phosphorylated and2 phosphoacetylated histone h3 by 14-3-3
21	<a href="#">d1tjja_</a>	Alignment	not modelled	26.6	25	<b>Fold:</b> SSo0622-like <b>Superfamily:</b> SSo0622-like <b>Family:</b> SSo0622-like
22	<a href="#">c1tjja_</a>	Alignment	not modelled	26.6	25	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical upf0130 protein sso0622; <b>PDBTitle:</b> crystal structure of conserved protein of unknown function2 sso0622 from sulfolobus solfataricus
23	<a href="#">d1q1la_</a>	Alignment	not modelled	25.0	15	<b>Fold:</b> Chorismate synthase, AroC <b>Superfamily:</b> Chorismate synthase, AroC <b>Family:</b> Chorismate synthase, AroC
24	<a href="#">d1hywa_</a>	Alignment	not modelled	24.0	21	<b>Fold:</b> gpW/XkdW-like <b>Superfamily:</b> Head-to-tail joining protein W, gpW <b>Family:</b> Head-to-tail joining protein W, gpW
25	<a href="#">c1ztbA_</a>	Alignment	not modelled	22.9	16	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> chorismate synthase; <b>PDBTitle:</b> crystal structure of chorismate synthase from mycobacterium2 tuberculosis
26	<a href="#">d1xrda1</a>	Alignment	not modelled	22.8	30	<b>Fold:</b> Light-harvesting complex subunits <b>Superfamily:</b> Light-harvesting complex subunits <b>Family:</b> Light-harvesting complex subunits
27	<a href="#">d1wfyA_</a>	Alignment	not modelled	22.5	12	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> Ubiquitin-like <b>Family:</b> Ras-binding domain, RBD
28	<a href="#">c2jo1A_</a>	Alignment	not modelled	22.1	33	<b>PDB header:</b> hydrolase regulator <b>Chain:</b> A: <b>PDB Molecule:</b> phospholemman; <b>PDBTitle:</b> structure of the na,k-atpase regulatory protein fxyd1 in2 micelles
29	<a href="#">c2k1aA_</a>	Alignment	not modelled	21.9	14	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iib;

29	<a href="#">c2k1aA</a>	Alignment	not modelled	21.9	14	<b>PDBTitle:</b> bicelle-embedded integrin alpha(iiib) transmembrane segment
30	<a href="#">d1ljda</a>	Alignment	not modelled	21.6	60	<b>Fold:</b> Light-harvesting complex subunits <b>Superfamily:</b> Light-harvesting complex subunits <b>Family:</b> Light-harvesting complex subunits
31	<a href="#">c2x2oA</a>	Alignment	not modelled	21.1	15	<b>PDB header:</b> flavoprotein <b>Chain:</b> A: <b>PDB Molecule:</b> nrdi protein; <b>PDBTitle:</b> the flavoprotein nrdi from bacillus cereus with the2 initially oxidized fmn cofactor in an intermediate3 radiation reduced state
32	<a href="#">d1o9da</a>	Alignment	not modelled	18.4	7	<b>Fold:</b> alpha-alpha superhelix <b>Superfamily:</b> 14-3-3 protein <b>Family:</b> 14-3-3 protein
33	<a href="#">d1mx3a2</a>	Alignment	not modelled	17.9	19	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Formate/glycerate dehydrogenase catalytic domain-like <b>Family:</b> Formate/glycerate dehydrogenases, substrate-binding domain
34	<a href="#">d1nkza</a>	Alignment	not modelled	17.5	43	<b>Fold:</b> Light-harvesting complex subunits <b>Superfamily:</b> Light-harvesting complex subunits <b>Family:</b> Light-harvesting complex subunits
35	<a href="#">c2mltB</a>	Alignment	not modelled	17.2	33	<b>PDB header:</b> toxin (hemolytic polypeptide) <b>Chain:</b> B: <b>PDB Molecule:</b> melittin; <b>PDBTitle:</b> melittin
36	<a href="#">c2npmB</a>	Alignment	not modelled	16.9	7	<b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> 14-3-3 domain containing protein; <b>PDBTitle:</b> crystal structure of cryptosporidium parvum 14-3-3 protein2 in complex with peptide
37	<a href="#">c2mltA</a>	Alignment	not modelled	16.9	33	<b>PDB header:</b> toxin (hemolytic polypeptide) <b>Chain:</b> A: <b>PDB Molecule:</b> melittin; <b>PDBTitle:</b> melittin
38	<a href="#">d1c99a</a>	Alignment	not modelled	16.0	26	<b>Fold:</b> Transmembrane helix hairpin <b>Superfamily:</b> F1F0 ATP synthase subunit C <b>Family:</b> F1F0 ATP synthase subunit C
39	<a href="#">d1qw1a1</a>	Alignment	not modelled	16.0	16	<b>Fold:</b> SH3-like barrel <b>Superfamily:</b> C-terminal domain of transcriptional repressors <b>Family:</b> FeoA-like
40	<a href="#">d1qxoA</a>	Alignment	not modelled	15.9	14	<b>Fold:</b> Chorismate synthase, AroC <b>Superfamily:</b> Chorismate synthase, AroC <b>Family:</b> Chorismate synthase, AroC
41	<a href="#">c1qcrD</a>	Alignment	not modelled	15.1	25	<b>PDB header:</b> <b>PDB COMPND:</b>
42	<a href="#">c1fftG</a>	Alignment	not modelled	14.2	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> ubiquinol oxidase; <b>PDBTitle:</b> the structure of ubiquinol oxidase from escherichia coli
43	<a href="#">c2kluA</a>	Alignment	not modelled	14.1	32	<b>PDB header:</b> immune system, membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> t-cell surface glycoprotein cd4; <b>PDBTitle:</b> nmr structure of the transmembrane and cytoplasmic domains2 of human cd4
44	<a href="#">c3u5eL</a>	Alignment	not modelled	14.0	14	<b>PDB header:</b> ribosome <b>Chain:</b> L: <b>PDB Molecule:</b> 60s ribosomal protein l13-a; <b>PDBTitle:</b> the structure of the eukaryotic ribosome at 3.0 resolution
45	<a href="#">c3e6yB</a>	Alignment	not modelled	13.5	9	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> 14-3-3-like protein c; <b>PDBTitle:</b> structure of 14-3-3 in complex with the differentiation-inducing agent2 cotylenin a
46	<a href="#">c2kxhB</a>	Alignment	not modelled	13.5	50	<b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> peptide of far upstream element-binding protein 1; <b>PDBTitle:</b> solution structure of the first two rrm domains of fir in the complex2 with fbp nbox peptide
47	<a href="#">d2o8pa1</a>	Alignment	not modelled	13.1	17	<b>Fold:</b> alpha-alpha superhelix <b>Superfamily:</b> 14-3-3 protein <b>Family:</b> 14-3-3 protein
48	<a href="#">c4a1bO</a>	Alignment	not modelled	12.9	22	<b>PDB header:</b> ribosome <b>Chain:</b> O: <b>PDB Molecule:</b> rpl28; <b>PDBTitle:</b> t.thermophila 60s ribosomal subunit in complex with2 initiation factor 6. this file contains 26s rrna and3 proteins of molecule 3.
49	<a href="#">c2k9yA</a>	Alignment	not modelled	12.8	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> ephrin type-a receptor 2; <b>PDBTitle:</b> epha2 dimeric structure in the lipidic bicelle at ph 5.0
50	<a href="#">c2k9yB</a>	Alignment	not modelled	12.8	23	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> ephrin type-a receptor 2; <b>PDBTitle:</b> epha2 dimeric structure in the lipidic bicelle at ph 5.0
51	<a href="#">c2hg5D</a>	Alignment	not modelled	12.2	4	<b>PDB header:</b> membrane protein <b>Chain:</b> D: <b>PDB Molecule:</b> kcsa channel; <b>PDBTitle:</b> cs+ complex of a k channel with an amide to ester substitution in the2 selectivity filter
52	<a href="#">c2zxeG</a>	Alignment	not modelled	12.2	20	<b>PDB header:</b> hydrolase/transport protein <b>Chain:</b> G: <b>PDB Molecule:</b> phospholemman-like protein; <b>PDBTitle:</b> crystal structure of the sodium - potassium pump in the e2.2k+.pi2 state
53	<a href="#">d1ydlA1</a>	Alignment	not modelled	11.9	20	<b>Fold:</b> TFB5-like <b>Superfamily:</b> TFB5-like <b>Family:</b> TFB5-like
54	<a href="#">c3bwwA</a>	Alignment	not modelled	11.8	23	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein of unknown function duf692/cog3220; <b>PDBTitle:</b> crystal structure of a duf692 family protein (hs_1138) from2 haemophilus somnus 129pt at 2.20 a resolution

55	<a href="#">c3cs5B_</a>	Alignment	not modelled	11.6	27	<b>PDB header:</b> photosynthesis <b>Chain:</b> B: <b>PDB Molecule:</b> phycobilisome degradation protein nbla; <b>PDBTitle:</b> nbla protein from synechococcus elongatus pcc 7942
56	<a href="#">c2j7aC_</a>	Alignment	not modelled	11.2	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> cytochrome c quinol dehydrogenase nrff; <b>PDBTitle:</b> crystal structure of cytochrome c nitrite reductase nrffa2 complex from desulfovibrio vulgaris
57	<a href="#">d2nlva1</a>	Alignment	not modelled	10.7	12	<b>Fold:</b> 7-stranded beta/alpha barrel <b>Superfamily:</b> Glycoside hydrolase/deacetylase <b>Family:</b> Divergent polysaccharide deacetylase
58	<a href="#">c3dgpB_</a>	Alignment	not modelled	10.5	21	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> rna polymerase ii transcription factor b subunit 5; <b>PDBTitle:</b> crystal structure of the complex between tfb5 and the c-terminal2 domain of tfb2
59	<a href="#">d1ul7a_</a>	Alignment	not modelled	10.5	3	<b>Fold:</b> TBP-like <b>Superfamily:</b> KA1-like <b>Family:</b> Kinase associated domain 1, KA1
60	<a href="#">c2pcrA_</a>	Alignment	not modelled	10.5	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> inositol-1-monophosphatase; <b>PDBTitle:</b> crystal structure of myo-inositol-1(or 4)-monophosphatase (aq_1983)2 from aquifex aeolicus vf5
61	<a href="#">d1v54i_</a>	Alignment	not modelled	9.0	13	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Mitochondrial cytochrome c oxidase subunit VIc <b>Family:</b> Mitochondrial cytochrome c oxidase subunit VIc
62	<a href="#">c3mk7F_</a>	Alignment	not modelled	9.0	19	<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
63	<a href="#">d2bkra1</a>	Alignment	not modelled	8.8	6	<b>Fold:</b> Cysteine proteinases <b>Superfamily:</b> Cysteine proteinases <b>Family:</b> Adenain-like
64	<a href="#">d1rlja_</a>	Alignment	not modelled	8.8	15	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavoprotein Nrdl
65	<a href="#">c3n23E_</a>	Alignment	not modelled	8.5	27	<b>PDB header:</b> hydrolase <b>Chain:</b> E: <b>PDB Molecule:</b> na+/k+ atpase gamma subunit transcript variant a; <b>PDBTitle:</b> crystal structure of the high affinity complex between ouabain and the2 e2p form of the sodium-potassium pump
66	<a href="#">c2latA_</a>	Alignment	not modelled	8.2	12	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> dolichyl-diphosphooligosaccharide--protein <b>PDBTitle:</b> solution structure of a human mini membrane protein ost4
67	<a href="#">d1xzpa3</a>	Alignment	not modelled	8.1	20	<b>Fold:</b> Folate-binding domain <b>Superfamily:</b> Folate-binding domain <b>Family:</b> TrmE formyl-THF-binding domain
68	<a href="#">c1xzqB_</a>	Alignment	not modelled	8.1	20	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> probable trna modification gtpase trme; <b>PDBTitle:</b> structure of the gtp-binding protein trme from thermotoga2 maritima complexed with 5-formyl-thf
69	<a href="#">c2q74B_</a>	Alignment	not modelled	7.8	21	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> inositol-1-monophosphatase; <b>PDBTitle:</b> mycobacterium tuberculosis subh
70	<a href="#">c2g2bA_</a>	Alignment	not modelled	7.7	7	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> allograft inflammatory factor 1; <b>PDBTitle:</b> nmr structure of the human allograft inflammatory factor 1
71	<a href="#">c2i7gA_</a>	Alignment	not modelled	7.6	31	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> monooxygenase; <b>PDBTitle:</b> crystal structure of monooxygenase from agrobacterium tumefaciens
72	<a href="#">c3otbB_</a>	Alignment	not modelled	7.4	23	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> trna(his) guanylyltransferase; <b>PDBTitle:</b> crystal structure of human trnahis guanylyltransferase (thg1) - dgtp2 complex
73	<a href="#">c2qflA_</a>	Alignment	not modelled	7.3	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> inositol-1-monophosphatase; <b>PDBTitle:</b> structure of subh: inositol monophosphatase and extragenic2 suppressor from e. coli
74	<a href="#">c1s7fA_</a>	Alignment	not modelled	7.3	6	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyl transferase; <b>PDBTitle:</b> riml- ribosomal l7/l12 alpha-n-protein acetyltransferase crystal form2 i (apo)
75	<a href="#">c2l2tA_</a>	Alignment	not modelled	7.2	14	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> receptor tyrosine-protein kinase erbb-4; <b>PDBTitle:</b> solution nmr structure of the erbb4 dimeric membrane domain
76	<a href="#">c1qleB_</a>	Alignment	not modelled	7.2	16	<b>PDB header:</b> oxidoreductase/immune system <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c oxidase polypeptide ii; <b>PDBTitle:</b> cryo-structure of the paracoccus denitrificans four-subunit2 cytochrome c oxidase in the completely oxidized state3 complexed with an antibody fv fragment
77	<a href="#">c1ar1B_</a>	Alignment	not modelled	7.2	16	<b>PDB header:</b> complex (oxidoreductase/antibody) <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c oxidase; <b>PDBTitle:</b> structure at 2.7 angstrom resolution of the paracoccus2 denitrificans two-subunit cytochrome c oxidase complexed3 with an antibody fv fragment
78	<a href="#">c3ih5A_</a>	Alignment	not modelled	7.2	18	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> electron transfer flavoprotein alpha-subunit; <b>PDBTitle:</b> crystal structure of electron transfer flavoprotein alpha-2 subunit from bacteroides thetaiotaomicron
79	<a href="#">d3clsd1</a>	Alignment	not modelled	6.8	12	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits

80	<a href="#">c3dwcA</a>	Alignment	not modelled	6.7	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> metallocarboxypeptidase; <b>PDBTitle:</b> trypanosoma cruzi metallocarboxypeptidase 1
81	<a href="#">d1ap4a</a>	Alignment	not modelled	6.7	17	<b>Fold:</b> EF Hand-like <b>Superfamily:</b> EF-hand <b>Family:</b> Calmodulin-like
82	<a href="#">c2rmzA</a>	Alignment	not modelled	6.5	35	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin beta-3; <b>PDBTitle:</b> bicelle-embedded integrin beta3 transmembrane segment
83	<a href="#">c1bh1A</a>	Alignment	not modelled	6.2	33	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> melittin; <b>PDBTitle:</b> structural studies of d-pro melittin, nmr, 20 structures
84	<a href="#">c2l16A</a>	Alignment	not modelled	6.0	38	<b>PDB header:</b> protein transport <b>Chain:</b> A: <b>PDB Molecule:</b> sec-independent protein translocase protein tatad; <b>PDBTitle:</b> solution structure of bacillus subtilis tatad protein in dpc micelles
85	<a href="#">d1ueka2</a>	Alignment	not modelled	6.0	31	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> GHMP Kinase, C-terminal domain <b>Family:</b> 4-(cytidine 5'-diphospho)-2C-methyl-D-erythritol kinase IspE
86	<a href="#">c3tcbB</a>	Alignment	not modelled	5.9	29	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> gcn5-related n-acetyltransferase; <b>PDBTitle:</b> crystal structure of a gcn5-related n-acetyltransferase from brucella2 melitensis
87	<a href="#">d1fi5a</a>	Alignment	not modelled	5.8	15	<b>Fold:</b> EF Hand-like <b>Superfamily:</b> EF-hand <b>Family:</b> Calmodulin-like
88	<a href="#">c1fi5A</a>	Alignment	not modelled	5.8	15	<b>PDB header:</b> contractile protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein (troponin c); <b>PDBTitle:</b> nmr structure of the c terminal domain of cardiac troponin2 c bound to the n terminal domain of cardiac troponin i.
89	<a href="#">d1a0pa1</a>	Alignment	not modelled	5.7	11	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> lambda integrase-like, N-terminal domain <b>Family:</b> lambda integrase-like, N-terminal domain
90	<a href="#">d1lf6a2</a>	Alignment	not modelled	5.6	14	<b>Fold:</b> Supersandwich <b>Superfamily:</b> Galactose mutarotase-like <b>Family:</b> Bacterial glucoamylase N-terminal domain-like
91	<a href="#">d3ehbb2</a>	Alignment	not modelled	5.5	16	<b>Fold:</b> Transmembrane helix hairpin <b>Superfamily:</b> Cytochrome c oxidase subunit II-like, transmembrane region <b>Family:</b> Cytochrome c oxidase subunit II-like, transmembrane region
92	<a href="#">d1yoba1</a>	Alignment	not modelled	5.4	18	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
93	<a href="#">d2fcka1</a>	Alignment	not modelled	5.4	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
94	<a href="#">c2b19A</a>	Alignment	not modelled	5.4	22	<b>PDB header:</b> neuropeptide <b>Chain:</b> A: <b>PDB Molecule:</b> neuropeptide k; <b>PDBTitle:</b> solution structure of mammalian tachykinin peptide,2 neuropeptide k
95	<a href="#">d3dtub2</a>	Alignment	not modelled	5.3	19	<b>Fold:</b> Transmembrane helix hairpin <b>Superfamily:</b> Cytochrome c oxidase subunit II-like, transmembrane region <b>Family:</b> Cytochrome c oxidase subunit II-like, transmembrane region
96	<a href="#">c3kdpH</a>	Alignment	not modelled	5.3	27	<b>PDB header:</b> hydrolase <b>Chain:</b> H: <b>PDB Molecule:</b> na+/k+ atpase gamma subunit transcript variant a; <b>PDBTitle:</b> crystal structure of the sodium-potassium pump
97	<a href="#">c3kdpG</a>	Alignment	not modelled	5.3	27	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> na+/k+ atpase gamma subunit transcript variant a; <b>PDBTitle:</b> crystal structure of the sodium-potassium pump
98	<a href="#">c3owcA</a>	Alignment	not modelled	5.3	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> probable acetyltransferase; <b>PDBTitle:</b> crystal structure of gnat superfamily protein pa2578 from pseudomonas2 aeruginosa
99	<a href="#">c3fj2A</a>	Alignment	not modelled	5.2	14	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> monooxygenase-like protein; <b>PDBTitle:</b> crystal structure of a monooxygenase-like protein (lin2316) from2 listeria innocua at 1.85 a resolution