








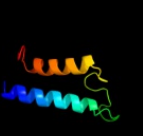









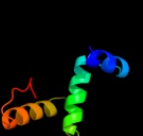




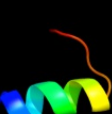
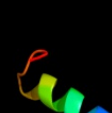







# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0A898
Date	Thu Jan 5 11:07:15 GMT 2012
Unique Job ID	25c9c37d104f1fa0

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1xm5a_</a>	 Alignment		100.0	100	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Predicted metal-dependent hydrolase
2	<a href="#">c1xaxA_</a>	 Alignment		100.0	69	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical upf0054 protein hi0004; <b>PDBTitle:</b> nmr structure of hi0004, a putative essential gene product2 from haemophilus influenzae
3	<a href="#">d1oz9a_</a>	 Alignment		100.0	33	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Predicted metal-dependent hydrolase
4	<a href="#">d1tvia_</a>	 Alignment		100.0	28	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Predicted metal-dependent hydrolase
5	<a href="#">d1xfia_</a>	 Alignment		65.4	12	<b>Fold:</b> AF1104-like <b>Superfamily:</b> AF1104-like <b>Family:</b> AF1104-like
6	<a href="#">d1lmla_</a>	 Alignment		65.0	19	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Leishmanolysin
7	<a href="#">c2xhqA_</a>	 Alignment		59.4	29	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> archaemetzincin; <b>PDBTitle:</b> crystal structure of archaemetzincin (amza) from archaeoglobus2 fulgidus at 1.45 a resolution
8	<a href="#">c2x7mA_</a>	 Alignment		55.0	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> archaemetzincin; <b>PDBTitle:</b> crystal structure of archaemetzincin (amza) from methanopyrus2 kandleri at 1.5 a resolution
9	<a href="#">d1k7ia2</a>	 Alignment		50.3	11	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Serralysin-like metalloprotease, catalytic (N-terminal) domain
10	<a href="#">c1u9pA_</a>	 Alignment		49.2	15	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> parc; <b>PDBTitle:</b> permuted single-chain arc
11	<a href="#">c1qysA_</a>	 Alignment		45.2	33	<b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> top7; <b>PDBTitle:</b> crystal structure of top7: a computationally designed2 protein with a novel fold

12	<a href="#">d1wgnA_</a>	Alignment		44.5	15	<b>Fold:</b> RuvA C-terminal domain-like <b>Superfamily:</b> UBA-like <b>Family:</b> UBA domain
13	<a href="#">c2jvfA_</a>	Alignment		44.4	33	<b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> de novo protein m7; <b>PDBTitle:</b> solution structure of m7, a computationally-designed2 artificial protein
14	<a href="#">d1asta_</a>	Alignment		41.1	25	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Astacin
15	<a href="#">c3edhA_</a>	Alignment		41.0	35	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> bone morphogenetic protein 1; <b>PDBTitle:</b> crystal structure of bone morphogenetic protein 1 protease2 domain in complex with partially bound dms0
16	<a href="#">c3lqbA_</a>	Alignment		40.5	29	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> loc792177 protein; <b>PDBTitle:</b> crystal structure of the hatching enzyme zhe1 from the zebrafish danio2 rerio
17	<a href="#">d1hv5a_</a>	Alignment		40.4	25	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
18	<a href="#">d1y93a1</a>	Alignment		40.3	35	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
19	<a href="#">d1fbla2</a>	Alignment		38.8	30	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
20	<a href="#">d2ovxa1</a>	Alignment		38.2	30	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
21	<a href="#">d1cgla_</a>	Alignment	not modelled	36.8	30	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
22	<a href="#">d1hova_</a>	Alignment	not modelled	36.2	25	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
23	<a href="#">d1hfca_</a>	Alignment	not modelled	36.1	30	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
24	<a href="#">d1xuca1</a>	Alignment	not modelled	34.9	35	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
25	<a href="#">d1q3aa_</a>	Alignment	not modelled	34.8	25	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
26	<a href="#">c2jsdA_</a>	Alignment	not modelled	34.1	30	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> matrix metalloproteinase-20; <b>PDBTitle:</b> solution structure of mmp20 complexed with nngh
27	<a href="#">d1rm8a_</a>	Alignment	not modelled	32.5	35	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
28	<a href="#">d1i76a_</a>	Alignment	not modelled	31.1	30	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
29	<a href="#">d1qiba_</a>	Alignment	not modelled	30.6	25	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain

					<b>Family:</b> Matrix metalloproteases, catalytic domain
30	<a href="#">c3lq0A_</a>	Alignment	not modelled	28.5	27 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> proastacin; <b>PDBTitle:</b> zymogen structure of crayfish astacin metallopeptidase
31	<a href="#">c3lmcA_</a>	Alignment	not modelled	28.3	29 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidase, zinc-dependent; <b>PDBTitle:</b> crystal structure of zinc-dependent peptidase from methanocorpusculum2 labreanum (strain z), northeast structural genomics consortium target3 mur16
32	<a href="#">c2xs4A_</a>	Alignment	not modelled	27.2	30 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> karilysin protease; <b>PDBTitle:</b> structure of karilysin catalytic mmp domain in complex with2 magnesium
33	<a href="#">d1mmqa_</a>	Alignment	not modelled	25.9	30 <b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
34	<a href="#">c1slmA_</a>	Alignment	not modelled	25.3	25 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> stromelysin-1; <b>PDBTitle:</b> crystal structure of fibroblast stromelysin-1: the c-truncated human2 proenzyme
35	<a href="#">c3qyyB_</a>	Alignment	not modelled	24.6	12 <b>PDB header:</b> signaling protein/inhibitor <b>Chain:</b> B: <b>PDB Molecule:</b> response regulator; <b>PDBTitle:</b> a novel interaction mode between a microbial ggdef domain and the bis-2 (3, 5)-cyclic di-gmp
36	<a href="#">d1cxva_</a>	Alignment	not modelled	24.4	35 <b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
37	<a href="#">c3i5bA_</a>	Alignment	not modelled	21.5	24 <b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> wspr response regulator; <b>PDBTitle:</b> crystal structure of the isolated ggdef domain of wspr from2 pseudomonas aeruginosa
38	<a href="#">d1hy7a_</a>	Alignment	not modelled	20.9	25 <b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
39	<a href="#">d1eaka2</a>	Alignment	not modelled	18.8	25 <b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
40	<a href="#">c3hvaA_</a>	Alignment	not modelled	18.6	21 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> protein fimx; <b>PDBTitle:</b> crystal structure of fimx ggdef domain from pseudomonas2 aeruginosa
41	<a href="#">c2a97B_</a>	Alignment	not modelled	17.0	17 <b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> botulinum neurotoxin type f; <b>PDBTitle:</b> crystal structure of catalytic domain of clostridium2 botulinum neurotoxin serotype f
42	<a href="#">d1w25a3</a>	Alignment	not modelled	15.6	17 <b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nucleotide cyclase <b>Family:</b> GGDEF domain
43	<a href="#">c1jmtB_</a>	Alignment	not modelled	13.2	31 <b>PDB header:</b> rna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> splicing factor u2af 65 kda subunit; <b>PDBTitle:</b> x-ray structure of a core u2af65/u2af35 heterodimer
44	<a href="#">c3i5cA_</a>	Alignment	not modelled	11.2	24 <b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> fusion of general control protein gcn4 and wspr response <b>PDBTitle:</b> crystal structure of a fusion protein containing the leucine zipper of2 gcn4 and the ggdef domain of wspr from pseudomonas aeruginosa
45	<a href="#">c1om8A_</a>	Alignment	not modelled	10.9	12 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> serralysin; <b>PDBTitle:</b> crystal structure of a cold adapted alkaline protease from pseudomonas2 tac ii 18, co-crystallized with 10 mm edta
46	<a href="#">c1dowB_</a>	Alignment	not modelled	10.1	14 <b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> beta-catenin; <b>PDBTitle:</b> crystal structure of a chimera of beta-catenin and alpha-2 catenin
47	<a href="#">c3ba0A_</a>	Alignment	not modelled	10.0	35 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> macrophage metalloelastase; <b>PDBTitle:</b> crystal structure of full-length human mmp-12
48	<a href="#">c3bkdC_</a>	Alignment	not modelled	9.7	50 <b>PDB header:</b> viral protein, membrane protein <b>Chain:</b> C: <b>PDB Molecule:</b> transmembrane domain of matrix protein m2; <b>PDBTitle:</b> high resolution crystal structure of transmembrane domain of m22 protein
49	<a href="#">c3bkdH_</a>	Alignment	not modelled	9.7	50 <b>PDB header:</b> viral protein, membrane protein <b>Chain:</b> H: <b>PDB Molecule:</b> transmembrane domain of matrix protein m2; <b>PDBTitle:</b> high resolution crystal structure of transmembrane domain of m22 protein
50	<a href="#">c3bkdB_</a>	Alignment	not modelled	9.7	50 <b>PDB header:</b> viral protein, membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> transmembrane domain of matrix protein m2; <b>PDBTitle:</b> high resolution crystal structure of transmembrane domain of m22 protein
51	<a href="#">c3bkdA_</a>	Alignment	not modelled	9.7	50 <b>PDB header:</b> viral protein, membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> transmembrane domain of matrix protein m2; <b>PDBTitle:</b> high resolution crystal structure of transmembrane domain of m22 protein
52	<a href="#">c3bkdG_</a>	Alignment	not modelled	9.7	50 <b>PDB header:</b> viral protein, membrane protein <b>Chain:</b> G: <b>PDB Molecule:</b> transmembrane domain of matrix protein m2; <b>PDBTitle:</b> high resolution crystal structure of transmembrane domain of m22 protein
53	<a href="#">c3bkdD_</a>	Alignment	not modelled	9.7	50 <b>PDB header:</b> viral protein, membrane protein <b>Chain:</b> D: <b>PDB Molecule:</b> transmembrane domain of matrix protein m2; <b>PDBTitle:</b> high resolution crystal structure of transmembrane

						domain of m22 protein
54	<a href="#">c3bkdE_</a>	 Alignment	not modelled	9.7	50	<b>PDB header:</b> viral protein, membrane protein <b>Chain:</b> E: <b>PDB Molecule:</b> transmembrane domain of matrix protein m2; <b>PDBTitle:</b> high resolution crystal structure of transmembrane domain of m22 protein
55	<a href="#">c3bkdF_</a>	 Alignment	not modelled	9.7	50	<b>PDB header:</b> viral protein, membrane protein <b>Chain:</b> F: <b>PDB Molecule:</b> transmembrane domain of matrix protein m2; <b>PDBTitle:</b> high resolution crystal structure of transmembrane domain of m22 protein
56	<a href="#">d1sata2</a>	 Alignment	not modelled	9.7	18	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Serralyisin-like metalloprotease, catalytic (N-terminal) domain
57	<a href="#">d3e11a1</a>	 Alignment	not modelled	9.6	30	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> TTHA0227-like
58	<a href="#">d1gtda_</a>	 Alignment	not modelled	9.1	30	<b>Fold:</b> PurS-like <b>Superfamily:</b> PurS-like <b>Family:</b> PurS subunit of FGAM synthetase
59	<a href="#">d1bqqm_</a>	 Alignment	not modelled	8.8	35	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Matrix metalloproteases, catalytic domain
60	<a href="#">c2rjqA_</a>	 Alignment	not modelled	8.7	38	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> adamts-5; <b>PDBTitle:</b> crystal structure of adamts5 with inhibitor bound
61	<a href="#">c3ic1A_</a>	 Alignment	not modelled	8.5	21	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> eal/ggdef domain protein; <b>PDBTitle:</b> x-ray structure of protein (eal/ggdef domain protein) from2 m.capsulatus, northeast structural genomics consortium3 target mcr174c
62	<a href="#">c2erpA_</a>	 Alignment	not modelled	8.5	38	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> vascular apoptosis-inducing protein 1; <b>PDBTitle:</b> crystal structure of vascular apoptosis-inducing protein-1(inhibitor-2 bound form)
63	<a href="#">d1kufa_</a>	 Alignment	not modelled	8.4	30	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Reprolysin-like
64	<a href="#">c3ignA_</a>	 Alignment	not modelled	8.1	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> diguanylate cyclase; <b>PDBTitle:</b> crystal structure of the ggdef domain from marinobacter2 aquaeolei diguanylate cyclase complexed with c-di-gmp -3 northeast structural genomics consortium target mqr89a
65	<a href="#">c2gjhA_</a>	 Alignment	not modelled	7.7	35	<b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> designed protein; <b>PDBTitle:</b> nmr structure of cfr (c-terminal fragment of2 computationally designed novel-topology protein top7)
66	<a href="#">c3gr1A_</a>	 Alignment	not modelled	7.6	10	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein prgh; <b>PDBTitle:</b> periplasmic domain of the t3ss inner membrane protein prgh2 from s.typhimurium (fragment 170-392)
67	<a href="#">c2cltB_</a>	 Alignment	not modelled	7.5	30	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> interstitial collagenase; <b>PDBTitle:</b> crystal structure of the active form (full-length) of human2 fibroblast collagenase.
68	<a href="#">c2zw2B_</a>	 Alignment	not modelled	7.5	14	<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 sulfolobus tokodaii (stpsurs)
69	<a href="#">d1at1a_</a>	 Alignment	not modelled	7.5	25	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Reprolysin-like
70	<a href="#">c2dgbA_</a>	 Alignment	not modelled	7.4	42	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein purs; <b>PDBTitle:</b> structure of thermus thermophilus purs in the p21 form
71	<a href="#">d1k1fa_</a>	 Alignment	not modelled	7.4	16	<b>Fold:</b> Bcr-Abl oncoprotein oligomerization domain <b>Superfamily:</b> Bcr-Abl oncoprotein oligomerization domain <b>Family:</b> Bcr-Abl oncoprotein oligomerization domain
72	<a href="#">c3pjwA_</a>	 Alignment	not modelled	7.3	21	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> cyclic dimeric gmp binding protein; <b>PDBTitle:</b> structure of pseudomonas fluorescence lapd ggdef-eal dual domain, i23
73	<a href="#">c3b8zB_</a>	 Alignment	not modelled	7.0	38	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> protein adamts-5; <b>PDBTitle:</b> high resolution crystal structure of the catalytic domain2 of adamts-5 (aggrecanase-2)
74	<a href="#">c2dw1B_</a>	 Alignment	not modelled	6.8	30	<b>PDB header:</b> apoptosis, toxin <b>Chain:</b> B: <b>PDB Molecule:</b> catrocollastatin; <b>PDBTitle:</b> crystal structure of vap2 from crotalus atrox venom (form 2-2 crystal)
75	<a href="#">c3e5aB_</a>	 Alignment	not modelled	6.7	17	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> targeting protein for xklp2; <b>PDBTitle:</b> crystal structure of aurora a in complex with vx-680 and tpx2
76	<a href="#">d1r55a_</a>	Alignment	not modelled	6.7	33	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Reprolysin-like
77	<a href="#">d1t4aa_</a>	Alignment	not modelled	6.7	31	<b>Fold:</b> PurS-like <b>Superfamily:</b> PurS-like <b>Family:</b> PurS subunit of FGAM synthetase
78	<a href="#">c3c0tB_</a>	Alignment	not modelled	6.4	67	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> mediator of rna polymerase ii transcription <b>PDBTitle:</b> structure of the schizosaccharomyces pombe mediator2 subcomplex med8c/18

79	<a href="#">c1p9iA_</a>	Alignment	not modelled	6.4	21	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> cortexillin i/gcn4 hybrid peptide; <b>PDBTitle:</b> coiled-coil x-ray structure at 1.17 a resolution
80	<a href="#">d2b7ea1</a>	Alignment	not modelled	6.2	42	<b>Fold:</b> Another 3-helical bundle <b>Superfamily:</b> FF domain <b>Family:</b> FF domain
81	<a href="#">c3ipfA_</a>	Alignment	not modelled	6.2	25	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of the q251q8 deshy protein from desulfotobacterium2 hafniense. northeast structural genomics consortium target dhr8c.
82	<a href="#">c2awyB_</a>	Alignment	not modelled	6.1	13	<b>PDB header:</b> oxygen storage/transport <b>Chain:</b> B: <b>PDB Molecule:</b> hemerythrin-like domain protein dcrh; <b>PDBTitle:</b> met-dcrh-hr
83	<a href="#">d2a6aa2</a>	Alignment	not modelled	6.1	29	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Actin-like ATPase domain <b>Family:</b> YeaZ-like
84	<a href="#">d1qf6a4</a>	Alignment	not modelled	6.0	19	<b>Fold:</b> Class II aaRS and biotin synthetases <b>Superfamily:</b> Class II aaRS and biotin synthetases <b>Family:</b> Class II aminoacyl-tRNA synthetase (aaRS)-like, catalytic domain
85	<a href="#">c3o7kA_</a>	Alignment	not modelled	6.0	7	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> ohcu decarboxylase; <b>PDBTitle:</b> crystal structure of 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazole2 decarboxylase from klebsiella pneumoniae
86	<a href="#">c3b6nA_</a>	Alignment	not modelled	5.8	14	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 2-c-methyl-d-erythritol 2,4-cyclodiphosphate <b>PDBTitle:</b> crystal structure of 2c-methyl-d-erythritol 2,4-2 cyclodiphosphate synthase pv003920 from plasmodium vivax
87	<a href="#">c2ppwA_</a>	Alignment	not modelled	5.8	11	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> conserved domain protein; <b>PDBTitle:</b> the crystal structure of uncharacterized ribose 5-phosphate isomerase2 rpib from streptococcus pneumoniae
88	<a href="#">c3f6nA_</a>	Alignment	not modelled	5.8	29	<b>PDB header:</b> viral protein, dna-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> virion-associated protein; <b>PDBTitle:</b> crystal structure of the virion-associated protein p3 from2 caulimovirus
89	<a href="#">d1kapp2</a>	Alignment	not modelled	5.6	30	<b>Fold:</b> Zincin-like <b>Superfamily:</b> Metalloproteases ("zincins"), catalytic domain <b>Family:</b> Serralsin-like metalloprotease, catalytic (N-terminal) domain
90	<a href="#">d2q8la1</a>	Alignment	not modelled	5.6	13	<b>Fold:</b> AF1104-like <b>Superfamily:</b> AF1104-like <b>Family:</b> AF1104-like
91	<a href="#">c2kadA_</a>	Alignment	not modelled	5.6	40	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> transmembrane peptide of matrix protein 2; <b>PDBTitle:</b> magic-angle-spinning solid-state nmr structure of influenza2 a m2 transmembrane domain
92	<a href="#">c2kadB_</a>	Alignment	not modelled	5.6	40	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> transmembrane peptide of matrix protein 2; <b>PDBTitle:</b> magic-angle-spinning solid-state nmr structure of influenza2 a m2 transmembrane domain
93	<a href="#">c2kadD_</a>	Alignment	not modelled	5.6	40	<b>PDB header:</b> membrane protein <b>Chain:</b> D: <b>PDB Molecule:</b> transmembrane peptide of matrix protein 2; <b>PDBTitle:</b> magic-angle-spinning solid-state nmr structure of influenza2 a m2 transmembrane domain
94	<a href="#">c2kadC_</a>	Alignment	not modelled	5.6	40	<b>PDB header:</b> membrane protein <b>Chain:</b> C: <b>PDB Molecule:</b> transmembrane peptide of matrix protein 2; <b>PDBTitle:</b> magic-angle-spinning solid-state nmr structure of influenza2 a m2 transmembrane domain
95	<a href="#">c2v4bB_</a>	Alignment	not modelled	5.6	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> adamts-1; <b>PDBTitle:</b> crystal structure of human adamts-1 catalytic domain and2 cysteine-rich domain (apo-form)
96	<a href="#">c3dl1A_</a>	Alignment	not modelled	5.5	27	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative metal-dependent hydrolase; <b>PDBTitle:</b> crystal structure of a putative metal-dependent hydrolase2 (yp_001336084.1) from klebsiella pneumoniae subsp. pneumoniae mgh3 78578 at 2.20 a resolution
97	<a href="#">c1fdFA_</a>	Alignment	not modelled	5.5	29	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> rhodopsin; <b>PDBTitle:</b> helix 7 bovine rhodopsin
98	<a href="#">d1qmya_</a>	Alignment	not modelled	5.4	38	<b>Fold:</b> Cysteine proteinases <b>Superfamily:</b> Cysteine proteinases <b>Family:</b> FMDV leader protease
99	<a href="#">c3k4tB_</a>	Alignment	not modelled	5.4	29	<b>PDB header:</b> viral protein, dna-binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> virion-associated protein; <b>PDBTitle:</b> crystal structure of the virion-associated protein p3 from2 caulimovirus