

# Phyre<sup>2</sup>

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Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1i6pa_	Alignment		100.0	100	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
2	c2a8cE_	Alignment		100.0	63	<b>PDB header:</b> lyase <b>Chain:</b> E: <b>PDB Molecule:</b> carbonic anhydrase 2; <b>PDBTitle:</b> haemophilus influenzae beta-carbonic anhydrase
3	d1ddza1	Alignment		100.0	48	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
4	d1ddza2	Alignment		100.0	45	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
5	c1ddza_	Alignment		100.0	47	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> x-ray structure of a beta-carbonic anhydrase from the red2 alga, porphyridium purpureum r-1
6	c3ucoB_	Alignment		100.0	39	<b>PDB header:</b> lyase/lyase inhibitor <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> coccomyxa beta-carbonic anhydrase in complex with iodide
7	c2w3nA_	Alignment		100.0	33	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase 2; <b>PDBTitle:</b> structure and inhibition of the co2-sensing carbonic2 anhydrase can2 from the pathogenic fungus cryptococcus3 neoformans
8	d1ekja_	Alignment		100.0	25	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
9	c3eyxB_	Alignment		100.0	30	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structure of carbonic anhydrase nce103 from2 saccharomyces cerevisiae
10	c2a5vB_	Alignment		100.0	28	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase (carbonic dehydratase) (carbonic <b>PDBTitle:</b> crystal structure of m. tuberculosis beta carbonic anhydrase, rv3588c,2 tetrameric form
11	c3lasA_	Alignment		100.0	23	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> putative carbonic anhydrase; <b>PDBTitle:</b> crystal structure of carbonic anhydrase from streptococcus mutans to 1.4 angstrom resolution

12	<a href="#">c1yka_</a>			100.0	18	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein rv1284/mt1322; <b>PDBTitle:</b> crystal structure of rv1284 from mycobacterium tuberculosis in complex2 with thiocyanate
13	<a href="#">d1g5ca_</a>			100.0	24	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
14	<a href="#">c2hwkA_</a>			62.6	26	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> helicase nsp2; <b>PDBTitle:</b> crystal structure of venezuelan equine encephalitis2 alphavirus nsp2 protease domain
15	<a href="#">d1j2ra_</a>			36.5	19	<b>Fold:</b> Isochorismatase-like hydrolases <b>Superfamily:</b> Isochorismatase-like hydrolases <b>Family:</b> Isochorismatase-like hydrolases
16	<a href="#">c3degC_</a>			30.9	21	<b>PDB header:</b> ribosome <b>Chain:</b> C: <b>PDB Molecule:</b> gtp-binding protein lepa; <b>PDBTitle:</b> complex of elongating escherichia coli 70s ribosome and ef4(lepa)-2 gmppnp
17	<a href="#">c2h5eB_</a>			28.9	21	<b>PDB header:</b> translation <b>Chain:</b> B: <b>PDB Molecule:</b> peptide chain release factor rf-3; <b>PDBTitle:</b> crystal structure of e.coli polypeptide release factor rf3
18	<a href="#">c3i8sC_</a>			28.7	27	<b>PDB header:</b> transport protein <b>Chain:</b> C: <b>PDB Molecule:</b> ferrous iron transport protein b; <b>PDBTitle:</b> structure of the cytosolic domain of e. coli feob, nucleotide-free2 form
19	<a href="#">d1n0ua2</a>			28.6	21	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
20	<a href="#">d1fqta_</a>			28.2	14	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
21	<a href="#">c2de7E_</a>		not modelled	28.0	31	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> ferredoxin component of carbazole; <b>PDBTitle:</b> the substrate-bound complex between oxygenase and2 ferredoxin in carbazole 1,9a-dioxigenase
22	<a href="#">d1zo0a1</a>		not modelled	27.4	21	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> Ornithine decarboxylase antizyme-like
23	<a href="#">c3d89A_</a>		not modelled	27.3	17	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> rieske domain-containing protein; <b>PDBTitle:</b> crystal structure of a soluble rieske ferredoxin from musculus
24	<a href="#">d1nrjb_</a>		not modelled	26.8	42	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
25	<a href="#">d1z01a1</a>		not modelled	26.0	29	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
26	<a href="#">d2de6a1</a>		not modelled	25.7	50	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
27	<a href="#">c2ywfa_</a>		not modelled	25.2	29	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> gtp-binding protein lepa; <b>PDBTitle:</b> crystal structure of gmppnp-bound lepa from aquifex aeolicus
28	<a href="#">d2fh5b1</a>		not modelled	24.6	17	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
						<b>PDB header:</b> hydrolase

29	<a href="#">c3trkA</a>	Alignment	not modelled	24.5	16	<b>Chain:</b> A: <b>PDB Molecule:</b> nonstructural polyprotein; <b>PDBTitle:</b> structure of the chikungunya virus nsp2 protease
30	<a href="#">c3ibyA</a>	Alignment	not modelled	24.5	33	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> ferrous iron transport protein b; <b>PDBTitle:</b> structure of cytosolic domain of l. pneumophila feob
31	<a href="#">c3gceA</a>	Alignment	not modelled	24.3	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ferredoxin component of carbazole 1,9a-nocardioides2 aromaticivorans ic177
32	<a href="#">d1rkba</a>	Alignment	not modelled	24.2	27	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
33	<a href="#">c1d2eA</a>	Alignment	not modelled	24.2	27	<b>PDB header:</b> rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> elongation factor tu (ef-tu); <b>PDBTitle:</b> crystal structure of mitochondrial ef-tu in complex with gdp
34	<a href="#">c2qu8A</a>	Alignment	not modelled	23.9	29	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative nucleolar gtp-binding protein 1; <b>PDBTitle:</b> crystal structure of putative nucleolar gtp-binding protein 1 pf0625w2 from plasmodium falciparum
35	<a href="#">d2jo6a1</a>	Alignment	not modelled	23.2	25	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> NirD-like
36	<a href="#">c3p27A</a>	Alignment	not modelled	22.9	27	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> elongation factor 1 alpha-like protein; <b>PDBTitle:</b> crystal structure of a translational gtpase (gdp form)
37	<a href="#">c3k53B</a>	Alignment	not modelled	22.5	15	<b>PDB header:</b> metal transport <b>Chain:</b> B: <b>PDB Molecule:</b> ferrous iron transport protein b; <b>PDBTitle:</b> crystal structure of nfeob from p. furiosus
38	<a href="#">c1mj1A</a>	Alignment	not modelled	22.4	27	<b>PDB header:</b> ribosome <b>Chain:</b> A: <b>PDB Molecule:</b> elongation factor tu; <b>PDBTitle:</b> fitting the ternary complex of ef-tu/trna/gtp and ribosomal proteins2 into a 13 a cryo-em map of the coli 70s ribosome
39	<a href="#">d1s0ua3</a>	Alignment	not modelled	22.3	36	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
40	<a href="#">c3izyP</a>	Alignment	not modelled	21.8	29	<b>PDB header:</b> rna, ribosomal protein <b>Chain:</b> P: <b>PDB Molecule:</b> translation initiation factor if-2, mitochondrial; <b>PDBTitle:</b> mammalian mitochondrial translation initiation factor 2
41	<a href="#">c3tr5C</a>	Alignment	not modelled	21.3	21	<b>PDB header:</b> translation <b>Chain:</b> C: <b>PDB Molecule:</b> peptide chain release factor 3; <b>PDBTitle:</b> structure of a peptide chain release factor 3 (prfc) from coxiella2 burnetii
42	<a href="#">c2bvnB</a>	Alignment	not modelled	21.1	27	<b>PDB header:</b> elongation factor <b>Chain:</b> B: <b>PDB Molecule:</b> elongation factor tu; <b>PDBTitle:</b> e. coli ef-tu:gdpnp in complex with the antibiotic2 enacyloxin iia
43	<a href="#">d1r5ba3</a>	Alignment	not modelled	21.1	36	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
44	<a href="#">c2dy1A</a>	Alignment	not modelled	21.0	29	<b>PDB header:</b> signaling protein, translation <b>Chain:</b> A: <b>PDB Molecule:</b> elongation factor g; <b>PDBTitle:</b> crystal structure of ef-g-2 from thermus thermophilus
45	<a href="#">c1zunB</a>	Alignment	not modelled	20.7	27	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> sulfate adenylate transferase, subunit <b>PDBTitle:</b> crystal structure of a gtp-regulated atp sulfurylase2 heterodimer from pseudomonas syringae
46	<a href="#">d1efca3</a>	Alignment	not modelled	20.1	27	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
47	<a href="#">c2qagC</a>	Alignment	not modelled	20.0	27	<b>PDB header:</b> cell cycle, structural protein <b>Chain:</b> C: <b>PDB Molecule:</b> septin-7; <b>PDBTitle:</b> crystal structure of human septin trimer 2/6/7
48	<a href="#">c3oqpB</a>	Alignment	not modelled	19.9	11	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative isochorismatase; <b>PDBTitle:</b> crystal structure of a putative isochorismatase (bxe_a0706) from2 burkholderia xenovorans lb400 at 1.22 a resolution
49	<a href="#">d1g7sa4</a>	Alignment	not modelled	19.9	20	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
50	<a href="#">c2rauA</a>	Alignment	not modelled	19.3	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative esterase; <b>PDBTitle:</b> crystal structure of a putative lipase (np_343859.1) from sulfolobus2 solfataricus at 1.85 a resolution
51	<a href="#">c1r5nA</a>	Alignment	not modelled	19.3	36	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> eukaryotic peptide chain release factor gtp- <b>PDBTitle:</b> crystal structure analysis of sup35 complexed with gdp
52	<a href="#">c2zxra</a>	Alignment	not modelled	19.1	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> single-stranded dna specific exonuclease recj; <b>PDBTitle:</b> crystal structure of recj in complex with mg2+ from thermus2 thermophilus hb8
53	<a href="#">c3hb7G</a>	Alignment	not modelled	19.1	14	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> isochorismatase hydrolase; <b>PDBTitle:</b> the crystal structure of an isochorismatase-like hydrolase from2 alkaliphilus metallireducens to 2.3a
54	<a href="#">d1ulra</a>	Alignment	not modelled	19.0	14	<b>Fold:</b> Ferrodoxin-like <b>Superfamily:</b> Acylphosphatase/BLUF domain-like <b>Family:</b> Acylphosphatase-like

55	<a href="#">c3t5dC</a>	Alignment	not modelled	18.9	27	<b>PDB header:</b> signaling protein <b>Chain:</b> C: <b>PDB Molecule:</b> septin-7; <b>PDBTitle:</b> crystal structure of septin 7 in complex with gdp
56	<a href="#">c2qpzA</a>	Alignment	not modelled	18.8	15	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> naphthalene 1,2-dioxygenase system ferredoxin <b>PDBTitle:</b> naphthalene 1,2-dioxygenase rieske ferredoxin
57	<a href="#">d1svia</a>	Alignment	not modelled	18.4	21	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
58	<a href="#">c2xexA</a>	Alignment	not modelled	18.4	29	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> elongation factor g; <b>PDBTitle:</b> crystal structure of staphylococcus aureus elongation factor2 g
59	<a href="#">d2ih2a2</a>	Alignment	not modelled	18.2	24	<b>Fold:</b> DNA methylase specificity domain <b>Superfamily:</b> DNA methylase specificity domain <b>Family:</b> TaqI C-terminal domain-like
60	<a href="#">c3br8A</a>	Alignment	not modelled	17.6	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> probable acylphosphatase; <b>PDBTitle:</b> crystal structure of acylphosphatase from bacillus subtilis
61	<a href="#">c3pqcA</a>	Alignment	not modelled	17.6	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> probable gtp-binding protein engb; <b>PDBTitle:</b> crystal structure of thermotoga maritima ribosome biogenesis gtp-2 binding protein engb (ysxc/yiha) in complex with gdp
62	<a href="#">c2i7fB</a>	Alignment	not modelled	17.5	36	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> ferredoxin component of dioxygenase; <b>PDBTitle:</b> sphingomonas yanoikuyaе b1 ferredoxin
63	<a href="#">c1s0uA</a>	Alignment	not modelled	17.3	36	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> translation initiation factor 2 gamma subunit; <b>PDBTitle:</b> eif2gamma apo
64	<a href="#">d3c0da1</a>	Alignment	not modelled	17.1	9	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> NirD-like
65	<a href="#">c3a1vB</a>	Alignment	not modelled	17.0	18	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> iron(ii) transport protein b; <b>PDBTitle:</b> crystal structure of the cytosolic domain of t. maritima feob2 iron transporter in apo form
66	<a href="#">c1z01D</a>	Alignment	not modelled	17.0	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> 2-oxo-1,2-dihydroquinoline 8-monoxygenase, <b>PDBTitle:</b> 2-oxoquinoline 8-monoxygenase component: active site2 modulation by rieske-[2fe-2s] center oxidation/reduction
67	<a href="#">d1geaal</a>	Alignment	not modelled	16.9	40	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
68	<a href="#">d1vm9a</a>	Alignment	not modelled	16.8	27	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
69	<a href="#">c2wjjB</a>	Alignment	not modelled	16.5	27	<b>PDB header:</b> metal transport <b>Chain:</b> B: <b>PDB Molecule:</b> ferrous iron transport protein b homolog; <b>PDBTitle:</b> structure and function of the feob g-domain from2 methanococcus jannaschii
70	<a href="#">d2bv3a2</a>	Alignment	not modelled	16.5	29	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
71	<a href="#">c1z01l</a>	Alignment	not modelled	16.3	29	<b>PDB header:</b> translation/rna <b>Chain:</b> I: <b>PDB Molecule:</b> translation initiation factor 2; <b>PDBTitle:</b> if2, if1, and trna fitted to cryo-em data of e. coli 70s2 initiation complex
72	<a href="#">d2jzaa1</a>	Alignment	not modelled	16.2	18	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> NirD-like
73	<a href="#">c1g7cA</a>	Alignment	not modelled	16.1	27	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> elongation factor 1-alpha; <b>PDBTitle:</b> yeast eef1a:eef1b in complex with gdnpn
74	<a href="#">c3oqpA</a>	Alignment	not modelled	16.0	11	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative isochorismatase; <b>PDBTitle:</b> crystal structure of a putative isochorismatase (bxe_a0706) from2 burkholderia xenovorans lb400 at 1.22 a resolution
75	<a href="#">d1udxa2</a>	Alignment	not modelled	15.9	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
76	<a href="#">c2plfA</a>	Alignment	not modelled	15.6	36	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> translation initiation factor 2 gamma subunit; <b>PDBTitle:</b> the structure of aif2gamma subunit from the archaeon2 sulfolobus solfataricus in the nucleotide-free form.
77	<a href="#">c2x2fD</a>	Alignment	not modelled	15.6	27	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> dynamin-1; <b>PDBTitle:</b> dynamin 1 gtpase dimer, short axis form
78	<a href="#">c2zovA</a>	Alignment	not modelled	15.4	33	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> chemotaxis protein motb; <b>PDBTitle:</b> structure of the periplasmic domain of motb from salmonella2 (crystal form i)
79	<a href="#">d1lapsa</a>	Alignment	not modelled	14.8	21	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Acylphosphatase/BLUF domain-like <b>Family:</b> Acylphosphatase-like
80	<a href="#">d1w2ia</a>	Alignment	not modelled	14.7	24	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Acylphosphatase/BLUF domain-like

						<b>Family:</b> Acylphosphatase-like
81	<a href="#">d1viaa_</a>	Alignment	not modelled	14.6	33	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Shikimate kinase (AroK)
82	<a href="#">c2r8bA_</a>	Alignment	not modelled	14.5	13	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein atu2452; <b>PDBTitle:</b> the crystal structure of the protein atu2452 of unknown function from2 agrobacterium tumefaciens str. c58
83	<a href="#">c1kk3A_</a>	Alignment	not modelled	14.4	36	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> eif2gamma; <b>PDBTitle:</b> structure of the wild-type large gamma subunit of2 initiation factor eif2 from pyrococcus abyssi complexed3 with gdp-mg2+
84	<a href="#">c1wb1C_</a>	Alignment	not modelled	14.4	36	<b>PDB header:</b> protein synthesis <b>Chain:</b> C: <b>PDB Molecule:</b> translation elongation factor selb; <b>PDBTitle:</b> crystal structure of translation elongation factor selb2 from methanococcus maripaludis in complex with gdp
85	<a href="#">d1wf3a1</a>	Alignment	not modelled	14.1	25	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
86	<a href="#">c3lxwA_</a>	Alignment	not modelled	13.5	33	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> gtpase imap family member 1; <b>PDBTitle:</b> crystal structure of human gtpase imap family member 1
87	<a href="#">d2gc6a1</a>	Alignment	not modelled	13.3	16	<b>Fold:</b> MurD-like peptide ligases, peptide-binding domain <b>Superfamily:</b> MurD-like peptide ligases, peptide-binding domain <b>Family:</b> Folylpolyglutamate synthetase, C-terminal domain
88	<a href="#">c3a1wA_</a>	Alignment	not modelled	13.2	14	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> iron(ii) transport protein b; <b>PDBTitle:</b> crystal structure of the g domain of t. maritima feob iron2 transporter
89	<a href="#">c3ix8A_</a>	Alignment	not modelled	13.0	30	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> ferrous iron uptake transporter protein b; <b>PDBTitle:</b> crystal structure of gdp-bound nfeob from s. thermophilus
90	<a href="#">c2elfA_</a>	Alignment	not modelled	13.0	27	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> protein translation elongation factor 1a; <b>PDBTitle:</b> crystal structure of the selb-like elongation factor ef-pyl2 from methanosaerina mazaei
91	<a href="#">c4proD_</a>	Alignment	not modelled	12.9	10	<b>PDB header:</b> serine protease <b>Chain:</b> D: <b>PDB Molecule:</b> alpha-lytic protease; <b>PDBTitle:</b> alpha-lytic protease complexed with pro region
92	<a href="#">c3o93A_</a>	Alignment	not modelled	12.8	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> nicotinamidase; <b>PDBTitle:</b> high resolution crystal structures of streptococcus pneumoniae2 nicotinamidase with trapped intermediates provide insights into3 catalytic mechanism and inhibition by aldehydes
93	<a href="#">c3dukD_</a>	Alignment	not modelled	12.7	10	<b>PDB header:</b> unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> ntf2-like protein of unknown function; <b>PDBTitle:</b> crystal structure of a ntf2-like protein of unknown function2 (mfla_0564) from methyllobacillus flagellatus kt at 2.200 a resolution
94	<a href="#">c3hynA_</a>	Alignment	not modelled	12.6	20	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative signal transduction protein; <b>PDBTitle:</b> crystal structure of a putative signal transduction protein2 (eubrec_0645) from eubacterium rectale atcc 33656 at 1.20 a3 resolution
95	<a href="#">c3gkqB_</a>	Alignment	not modelled	12.6	47	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> terminal oxygenase component of carbazole 1,9a- <b>PDBTitle:</b> terminal oxygenase of carbazole 1,9a-dioxygenase from2 novosphingobium sp. ka1
96	<a href="#">c1qgeD_</a>	Alignment	not modelled	12.6	18	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> protein (triacylglycerol hydrolase); <b>PDBTitle:</b> new crystal form of pseudomonas glumae (formerly chromobacterium2 viscosum atcc 6918) lipase
97	<a href="#">c2wsmb_</a>	Alignment	not modelled	12.5	29	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> hydrogenase expression/formation protein (hypb); <b>PDBTitle:</b> crystal structure of hydrogenase maturation factor hypb from2 archaeoglobus fulgidus
98	<a href="#">d2hh8a1</a>	Alignment	not modelled	12.5	13	<b>Fold:</b> YdfO-like <b>Superfamily:</b> YdfO-like <b>Family:</b> YdfO-like
99	<a href="#">c3snhA_</a>	Alignment	not modelled	12.5	27	<b>PDB header:</b> endocytosis <b>Chain:</b> A: <b>PDB Molecule:</b> dynamin-1; <b>PDBTitle:</b> crystal structure of nucleotide-free human dynamin1