

# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD2122c_(hisE)_2380671_2380952
Date	Mon Aug 5 13:25:24 BST 2019
Unique Job ID	59ad587bfffbd7f5a

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1y6xa1</a>			100.0	99	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> HisE-like (PRA-PH)
2	<a href="#">d2a7wa1</a>			100.0	28	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> HisE-like (PRA-PH)
3	<a href="#">c2a7wF</a>			100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> phosphoribosyl-atp pyrophosphatase; <b>PDBTitle:</b> crystal structure of phosphoribosyl-atp pyrophosphatase2 from chromobacterium violaceum (atcc 12472). nesg target3 cvr7
4	<a href="#">c1yvwD</a>			100.0	25	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> phosphoribosyl-atp pyrophosphatase; <b>PDBTitle:</b> crystal structure of phosphoribosyl-atp2 pyrophosphohydrolase from bacillus cereus. nesg target3 bcr13.
5	<a href="#">d1yvwa1</a>			100.0	25	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> HisE-like (PRA-PH)
6	<a href="#">d1yxba1</a>			100.0	52	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> HisE-like (PRA-PH)
7	<a href="#">d1vmga</a>			98.1	23	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> MazG-like
8	<a href="#">c2yxhb</a>			97.9	23	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> mazg-related protein; <b>PDBTitle:</b> crystal structure of mazg-related protein from thermotoga maritima
9	<a href="#">c2q9IA</a>			97.7	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein; <b>PDBTitle:</b> crystal structure of imazg from vibrio dat 722: ctag-imazg (p43212)
10	<a href="#">d2a3qa1</a>			97.7	24	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> MazG-like
11	<a href="#">c3crcB</a>			97.7	26	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> protein mazg; <b>PDBTitle:</b> crystal structure of escherichia coli mazg, the regulator2 of nutritional stress response

12	<a href="#">d2gtad1</a>			97.6	27	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> MazG-like
13	<a href="#">c3obcb_</a>			97.6	16	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> pyrophosphatase; <b>PDBTitle:</b> crystal structure of a pyrophosphatase (af1178) from archaeoglobus2 fulgidus at 1.80 a resolution
14	<a href="#">c2q4pA_</a>			97.6	24	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> protein rs21-c6; <b>PDBTitle:</b> ensemble refinement of the crystal structure of protein from mus2 musculus mm.29898
15	<a href="#">d2oiea1</a>			97.4	25	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> MazG-like
16	<a href="#">d2gtaa1</a>			97.4	29	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> MazG-like
17	<a href="#">c2yf3F_</a>			94.6	33	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> mazg-like nucleoside triphosphate pyrophosphohydrolase; <b>PDBTitle:</b> crystal structure of dr2231, the mazg-like protein from deinococcus2 radiodurans, complex with manganese
18	<a href="#">c2rfpA_</a>			69.8	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative ntp pyrophosphohydrolase; <b>PDBTitle:</b> crystal structure of putative ntp pyrophosphohydrolase2 (yp_001813558.1) from exiguobacterium sibiricum 255-15 at 1.74 a3 resolution
19	<a href="#">c2p06A_</a>			31.1	21	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein af_0060; <b>PDBTitle:</b> crystal structure of a predicted coding region af_0060 from2 archaeoglobus fulgidus dsm 4304
20	<a href="#">d2p06a1</a>			31.1	21	<b>Fold:</b> all-alpha NTP pyrophosphatases <b>Superfamily:</b> all-alpha NTP pyrophosphatases <b>Family:</b> AF0060-like
21	<a href="#">c4riqU_</a>		not modelled	28.0	14	<b>PDB header:</b> transferase/protein binding <b>Chain:</b> U: <b>PDB Molecule:</b> set1/ash2 histone methyltransferase complex subunit ash2; <b>PDBTitle:</b> crystal structure of dpy-30 dimerization/docking domain in complex2 with ash2l sdc1-dpy-30 interacting region (sdi)
22	<a href="#">c4riql_</a>		not modelled	28.0	14	<b>PDB header:</b> transferase/protein binding <b>Chain:</b> I: <b>PDB Molecule:</b> set1/ash2 histone methyltransferase complex subunit ash2; <b>PDBTitle:</b> crystal structure of dpy-30 dimerization/docking domain in complex2 with ash2l sdc1-dpy-30 interacting region (sdi)
23	<a href="#">c4riqC_</a>		not modelled	28.0	14	<b>PDB header:</b> transferase/protein binding <b>Chain:</b> C: <b>PDB Molecule:</b> set1/ash2 histone methyltransferase complex subunit ash2; <b>PDBTitle:</b> crystal structure of dpy-30 dimerization/docking domain in complex2 with ash2l sdc1-dpy-30 interacting region (sdi)
24	<a href="#">c4riqR_</a>		not modelled	28.0	14	<b>PDB header:</b> transferase/protein binding <b>Chain:</b> R: <b>PDB Molecule:</b> set1/ash2 histone methyltransferase complex subunit ash2; <b>PDBTitle:</b> crystal structure of dpy-30 dimerization/docking domain in complex2 with ash2l sdc1-dpy-30 interacting region (sdi)
25	<a href="#">c4riqF_</a>		not modelled	28.0	14	<b>PDB header:</b> transferase/protein binding <b>Chain:</b> F: <b>PDB Molecule:</b> set1/ash2 histone methyltransferase complex subunit ash2; <b>PDBTitle:</b> crystal structure of dpy-30 dimerization/docking domain in complex2 with ash2l sdc1-dpy-30 interacting region (sdi)
26	<a href="#">c4riqO_</a>		not modelled	28.0	14	<b>PDB header:</b> transferase/protein binding <b>Chain:</b> O: <b>PDB Molecule:</b> set1/ash2 histone methyltransferase complex subunit ash2; <b>PDBTitle:</b> crystal structure of dpy-30 dimerization/docking domain in complex2 with ash2l sdc1-dpy-30 interacting region (sdi)
						<b>PDB header:</b> transferase/protein binding <b>Chain:</b> L: <b>PDB Molecule:</b> set1/ash2 histone methyltransferase

27	<a href="#">c4riqL_</a>	Alignment	not modelled	28.0	14	complex subunit ash2; <b>PDBTitle:</b> crystal structure of dpy-30 dimerization/docking domain in complex2 with ash2l sdc1-dpy-30 interacting region (sdi)
28	<a href="#">c4riqX_</a>	Alignment	not modelled	28.0	14	<b>PDB header:</b> transferase/protein binding <b>Chain:</b> X: <b>PDB Molecule:</b> set1/ash2 histone methyltransferase complex subunit ash2; <b>PDBTitle:</b> crystal structure of dpy-30 dimerization/docking domain in complex2 with ash2l sdc1-dpy-30 interacting region (sdi)
29	<a href="#">c6dmpA_</a>	Alignment	not modelled	21.4	41	<b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> designed orthogonal protein ddh13_xaaa_a; <b>PDBTitle:</b> de novo design of a protein heterodimer with specificity mediated by2 hydrogen bond networks
30	<a href="#">c2a2oG_</a>	Alignment	not modelled	20.1	24	<b>PDB header:</b> transcription <b>Chain:</b> G: <b>PDB Molecule:</b> hypothetical protein bt3146; <b>PDBTitle:</b> crystal structure of a putativetena family transcriptional regulator2 (bt_3146) from bacteroides thetaiotaomicron vpi-5482 at 2.16 a3 resolution
31	<a href="#">c4m3IC_</a>	Alignment	not modelled	19.7	21	<b>PDB header:</b> ligase <b>Chain:</b> C: <b>PDB Molecule:</b> e3 ubiquitin-protein ligase trim63; <b>PDBTitle:</b> crystal structure of the coiled coil domain of murf1
32	<a href="#">c2v75A_</a>	Alignment	not modelled	17.7	33	<b>PDB header:</b> nuclear protein <b>Chain:</b> A: <b>PDB Molecule:</b> nuclear polyadenylated rna-binding protein nab2; <b>PDBTitle:</b> n-terminal domain of nab2
33	<a href="#">c6in7B_</a>	Alignment	not modelled	17.1	15	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> rna polymerase sigma-h factor; <b>PDBTitle:</b> crystal structure of algu in complex with muca(cyto)
34	<a href="#">d2a2ma1</a>	Alignment	not modelled	17.0	24	<b>Fold:</b> Heme oxygenase-like <b>Superfamily:</b> Heme oxygenase-like <b>Family:</b> TENA/THI-4
35	<a href="#">d1w1we_</a>	Alignment	not modelled	16.7	19	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Rad21/Rec8-like
36	<a href="#">c1w1wF_</a>	Alignment	not modelled	16.7	19	<b>PDB header:</b> cell adhesion <b>Chain:</b> F: <b>PDB Molecule:</b> sister chromatid cohesion protein 1; <b>PDBTitle:</b> sc smc1hd:scc1-c complex, atpgs
37	<a href="#">c3hjIA_</a>	Alignment	not modelled	15.7	13	<b>PDB header:</b> proton transport <b>Chain:</b> A: <b>PDB Molecule:</b> flagellar motor switch protein flig; <b>PDBTitle:</b> the structure of full-length flig from aquifex aeolicus
38	<a href="#">c3pl4A_</a>	Alignment	not modelled	14.2	14	<b>PDB header:</b> motor protein <b>Chain:</b> A: <b>PDB Molecule:</b> flagellar motor switch protein; <b>PDBTitle:</b> crystal structure of flig (residue 116-343) from h. pylori
39	<a href="#">c2z1dA_</a>	Alignment	not modelled	14.2	7	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> hydrogenase expression/formation protein hyd; <b>PDBTitle:</b> crystal structure of [nife] hydrogenase maturation protein, hyd from2 thermococcus kodakaraensis
40	<a href="#">c2l27B_</a>	Alignment	not modelled	14.1	14	<b>PDB header:</b> membrane protein, peptide binding protei <b>Chain:</b> B: <b>PDB Molecule:</b> peptide agonist; <b>PDBTitle:</b> nmr structure of the ecd1 of crf-r1 in complex with a peptide agonist
41	<a href="#">d2zjrk1</a>	Alignment	not modelled	13.5	18	<b>Fold:</b> Prokaryotic ribosomal protein L17 <b>Superfamily:</b> Prokaryotic ribosomal protein L17 <b>Family:</b> Prokaryotic ribosomal protein L17
42	<a href="#">c2rmfA_</a>	Alignment	not modelled	13.2	11	<b>PDB header:</b> hormone <b>Chain:</b> A: <b>PDB Molecule:</b> urocortin; <b>PDBTitle:</b> human urocortin 1
43	<a href="#">c4uoIB_</a>	Alignment	not modelled	12.9	20	<b>PDB header:</b> viral protein <b>Chain:</b> B: <b>PDB Molecule:</b> genome polyprotein; <b>PDBTitle:</b> unexpected structure for the n-terminal domain of hepatitis c virus2 envelope glycoprotein e1
44	<a href="#">c6huxA_</a>	Alignment	not modelled	12.7	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> h(2)-forming methylenetetrahydromethanopterin <b>PDBTitle:</b> hmfd from methanocaldococcus jannaschii reconstituted with fe-2 guanylpyridinol (fegp) cofactor and co-crystallized with methenyl-3 tetrahydromethanopterin at 2.5 a resolution
45	<a href="#">d1ov9a_</a>	Alignment	not modelled	12.0	10	<b>Fold:</b> H-NS histone-like proteins <b>Superfamily:</b> H-NS histone-like proteins <b>Family:</b> H-NS histone-like proteins
46	<a href="#">c6mbdC_</a>	Alignment	not modelled	11.5	26	<b>PDB header:</b> apoptosis <b>Chain:</b> C: <b>PDB Molecule:</b> dm1; <b>PDBTitle:</b> human mcl-1 in complex with the designed peptide dm1
47	<a href="#">c6mbdD_</a>	Alignment	not modelled	11.5	26	<b>PDB header:</b> apoptosis <b>Chain:</b> D: <b>PDB Molecule:</b> dm1; <b>PDBTitle:</b> human mcl-1 in complex with the designed peptide dm1
48	<a href="#">d1bpoa1</a>	Alignment	not modelled	11.1	26	<b>Fold:</b> alpha-alpha superhelix <b>Superfamily:</b> ARM repeat <b>Family:</b> Clathrin heavy-chain linker domain
49	<a href="#">c2ip6A_</a>	Alignment	not modelled	10.8	18	<b>PDB header:</b> antimicrobial protein <b>Chain:</b> A: <b>PDB Molecule:</b> pabb; <b>PDBTitle:</b> crystal structure of pedb
50	<a href="#">c4yddF_</a>	Alignment	not modelled	10.7	8	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> dmso reductase family type ii enzyme, iron-sulfur subunit; <b>PDBTitle:</b> crystal structure of the perchlorate reductase pcrab from azospira2 suillum ps
51	<a href="#">c6nd4I_</a>	Alignment	not modelled	10.0	16	<b>PDB header:</b> ribosome <b>Chain:</b> I: <b>PDB Molecule:</b> utp8; <b>PDBTitle:</b> conformational switches control early maturation of the eukaryotic2 small ribosomal subunit
						<b>PDB header:</b> ribosome

52	<a href="#">c5o600</a>	Alignment	not modelled	10.0	32	<p><b>Chain:</b> O: <b>PDB Molecule:</b>50s ribosomal protein l17; <b>PDBTitle:</b> structure of the 50s large ribosomal subunit from mycobacterium2 smegmatis</p> <p><b>PDB header:</b>chaperone</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>protein clpv1;</p> <p><b>PDBTitle:</b> coevolution of the atpase clpv, the tssb-tssc sheath and2 the accessory hsie protein distinguishes two type vi3 secretion classes</p>
53	<a href="#">c4uqwA</a>	Alignment	not modelled	9.7	17	<p><b>PDB header:</b>metal binding protein</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>h(2)-forming methylenetetrahydromethanopterin</p> <p><b>PDBTitle:</b> hmd ii from methanocaldococcus jannaschii</p> <p><b>PDB header:</b>transcription, transferase/dna/rna</p> <p><b>Chain:</b> F: <b>PDB Molecule:</b>rna polymerase sigma factor rpos;</p> <p><b>PDBTitle:</b> sigmas-transcription initiation complex with 4-nt nascent rna</p>
54	<a href="#">c4yt2A</a>	Alignment	not modelled	9.5	18	<p><b>PDB header:</b>transcription</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>putative rna polymerase ecf-subfamily sigma factor;</p> <p><b>PDBTitle:</b> the crystal structure streptomyces venezuelae rsn-blnd complex</p>
55	<a href="#">c5ipmF</a>	Alignment	not modelled	9.5	24	<p><b>PDB header:</b>lipid transport</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>vacuolar protein sorting-associated protein vta1;</p> <p><b>PDBTitle:</b> crystal structure of s.cerevisiae vta1 n-terminal domain</p>
56	<a href="#">c6c03A</a>	Alignment	not modelled	9.2	12	<p><b>PDB header:</b>ribosome</p> <p><b>Chain:</b> N: <b>PDB Molecule:</b>50s ribosomal protein l17;</p> <p><b>PDBTitle:</b> atomic model of the immature 50s subunit from bacillus subtilis (state2 i-a)</p>
57	<a href="#">c2rkka</a>	Alignment	not modelled	9.1	9	<p><b>PDB header:</b>unknown function</p> <p><b>Chain:</b> C: <b>PDB Molecule:</b>uncharacterized protein mg218.1;</p> <p><b>PDBTitle:</b> central domain of mycoplasma genitalium terminal organelle protein2 mg491</p>
58	<a href="#">c3j3vN</a>	Alignment	not modelled	9.0	23	<p><b>PDB header:</b>protein binding</p> <p><b>Chain:</b> B: <b>PDB Molecule:</b>uncharacterized protein;</p> <p><b>PDBTitle:</b> solution structure of the get5 carboxyl domain from a. fumigatus</p>
59	<a href="#">c4xngC</a>	Alignment	not modelled	8.8	18	<p><b>PDB header:</b>structural protein</p> <p><b>Chain:</b> B: <b>PDB Molecule:</b>rho gtpase-activating protein 7;</p> <p><b>PDBTitle:</b> the crystal structure of r7r8 in complex with a dlc12 fragment.</p>
60	<a href="#">c5tgtA</a>	Alignment	not modelled	8.1	26	<p><b>PDB header:</b>transferase</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>5'-amp-activated protein kinase catalytic subunit alpha-2;</p> <p><b>PDBTitle:</b> solution structure of autoinhibitory domain of human amp-activated2 protein kinase catalytic subunit</p>
61	<a href="#">c2lo0B</a>	Alignment	not modelled	7.9	14	<p><b>PDB header:</b>unknown function</p> <p><b>Chain:</b> C: <b>PDB Molecule:</b>tpr-domain containing protein;</p> <p><b>PDBTitle:</b> crystal structure of a tpr-domain containing protein (bdi_1685) from2 parabacteroides distasonis atcc 8503 at 2.26 a resolution</p>
62	<a href="#">c5fztB</a>	Alignment	not modelled	7.5	33	<p><b>PDB header:</b>chaperone</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>rubisco accumulation factor 1, isoform 2;</p> <p><b>PDBTitle:</b> the n-terminal domain of rubisco accumulation factor 1 from2 arabidopsis thaliana</p>
63	<a href="#">c2ltuA</a>	Alignment	not modelled	7.5	16	<p><b>PDB header:</b>histone-fold</p> <p><b>Superfamily:</b>Histone-fold</p> <p><b>Family:</b>Nucleosome core histones</p>
64	<a href="#">c5cd6C</a>	Alignment	not modelled	7.1	20	<p><b>PDB header:</b>RNA polymerase subunits</p> <p><b>Family:</b>RpoE2-like</p>
65	<a href="#">d1ryqa</a>	Alignment	not modelled	6.8	8	<p><b>PDB header:</b>chaperone</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>rubisco accumulation factor 1, isoform 2;</p> <p><b>PDBTitle:</b> the n-terminal domain of rubisco accumulation factor 1 from2 arabidopsis thaliana</p>
66	<a href="#">c4wt3A</a>	Alignment	not modelled	6.5	40	<p><b>PDB header:</b>histone-fold</p> <p><b>Superfamily:</b>Histone-fold</p> <p><b>Family:</b>Nucleosome core histones</p>
67	<a href="#">d1hiob</a>	Alignment	not modelled	6.3	12	<p><b>PDB header:</b>chaperone</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>clpb protein;</p> <p><b>PDBTitle:</b> n-domain of clpv from vibrio cholerae</p>
68	<a href="#">c3zriA</a>	Alignment	not modelled	6.2	18	<p><b>PDB header:</b>chaperone</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>clpb protein;</p> <p><b>PDBTitle:</b> n-domain of clpv from vibrio cholerae</p>
69	<a href="#">d1p3mh</a>	Alignment	not modelled	6.1	14	<p><b>PDB header:</b>histone-fold</p> <p><b>Superfamily:</b>Histone-fold</p> <p><b>Family:</b>Nucleosome core histones</p>
70	<a href="#">c5wurB</a>	Alignment	not modelled	6.1	10	<p><b>PDB header:</b>metal binding protein</p> <p><b>Chain:</b> B: <b>PDB Molecule:</b>ecf rna polymerase sigma factor sigw;</p> <p><b>PDBTitle:</b> crystal structure of sigw in complex with its anti-sigma rsiw, an2 oxdized form</p>
71	<a href="#">c5x6cE</a>	Alignment	not modelled	6.1	7	<p><b>PDB header:</b>RNA binding protein</p> <p><b>Chain:</b> E: <b>PDB Molecule:</b>uncharacterized protein mj1481;</p> <p><b>PDBTitle:</b> crystal structure of seprs-sepcye from methanocaldococcus jannaschii</p>
72	<a href="#">c5x6cF</a>	Alignment	not modelled	6.1	7	<p><b>PDB header:</b>RNA binding protein</p> <p><b>Chain:</b> F: <b>PDB Molecule:</b>uncharacterized protein mj1481;</p> <p><b>PDBTitle:</b> crystal structure of seprs-sepcye from methanocaldococcus jannaschii</p>
73	<a href="#">d1vp7a</a>	Alignment	not modelled	6.0	12	<p><b>PDB header:</b>spectrin repeat-like</p> <p><b>Superfamily:</b>XseB-like</p> <p><b>Family:</b>XseB-like</p>
74	<a href="#">c2q00B</a>	Alignment	not modelled	6.0	14	<p><b>PDB header:</b>structural genomics, unknown function</p> <p><b>Chain:</b> B: <b>PDB Molecule:</b>c02003 protein;</p> <p><b>PDBTitle:</b> crystal structure of the p95883_sulso protein from sulfolobus2 solfataricus. nesg target ssr10.</p>
75	<a href="#">c4hh5A</a>	Alignment	not modelled	5.9	16	<p><b>PDB header:</b>protein binding</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>putative type vi secretion protein;</p> <p><b>PDBTitle:</b> n-terminal domain (1-163) of clpv1 atpase from e.coli eaec sci1 t6ss.</p>
76	<a href="#">c5b52B</a>	Alignment	not modelled	5.7	44	<p><b>PDB header:</b>transcription</p> <p><b>Chain:</b> B: <b>PDB Molecule:</b>h-ns family protein mvat;</p> <p><b>PDBTitle:</b> crystal structure of the n-terminal domain of h-ns family protein turb</p>
						<p><b>PDB header:</b>structural genomics, unknown function</p> <p><b>Chain:</b> A: <b>PDB Molecule:</b>putative acyl carrier protein;</p>

77	<a href="#">c2kciA_</a>	Alignment	not modelled	5.7	12	<b>PDBTitle:</b> solution nmr structure of gmet_2339 from geobacter2 metallireducens. northeast structural genomics consortium3 target gmr141
78	<a href="#">c5w82E_</a>	Alignment	not modelled	5.6	29	<b>PDB header:</b> viral protein <b>Chain:</b> E: <b>PDB Molecule:</b> protein delta; <b>PDBTitle:</b> crystal structure of orsay virus delta protein n-terminal fragment (aa2 1-101)
79	<a href="#">c2i7uA_</a>	Alignment	not modelled	5.5	48	<b>PDB header:</b> de novo protein/ligand binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> four-alpha-helix bundle; <b>PDBTitle:</b> structural and dynamical analysis of a four-alpha-helix2 bundle with designed anesthetic binding pockets
80	<a href="#">c5lnfA_</a>	Alignment	not modelled	5.5	6	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> peroxisomal biogenesis factor 19; <b>PDBTitle:</b> solution nmr structure of farnesylated pex19, c-terminal domain
81	<a href="#">c2jeeA_</a>	Alignment	not modelled	5.4	27	<b>PDB header:</b> cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> cell division protein zapb; <b>PDBTitle:</b> xray structure of e. coli yiu
82	<a href="#">c4z6yD_</a>	Alignment	not modelled	5.1	53	<b>PDB header:</b> hydrolase inhibitor/protein binding <b>Chain:</b> D: <b>PDB Molecule:</b> hamartin; <b>PDBTitle:</b> structure of the tbc1d7-tsc1 complex
83	<a href="#">c4z6yC_</a>	Alignment	not modelled	5.1	53	<b>PDB header:</b> hydrolase inhibitor/protein binding <b>Chain:</b> C: <b>PDB Molecule:</b> hamartin; <b>PDBTitle:</b> structure of the tbc1d7-tsc1 complex
84	<a href="#">c4z6yF_</a>	Alignment	not modelled	5.0	53	<b>PDB header:</b> hydrolase inhibitor/protein binding <b>Chain:</b> F: <b>PDB Molecule:</b> hamartin; <b>PDBTitle:</b> structure of the tbc1d7-tsc1 complex
85	<a href="#">d2qamn1</a>	Alignment	not modelled	5.0	41	<b>Fold:</b> Prokaryotic ribosomal protein L17 <b>Superfamily:</b> Prokaryotic ribosomal protein L17 <b>Family:</b> Prokaryotic ribosomal protein L17