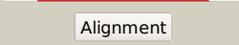
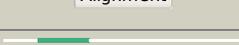
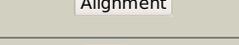


# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3393_(iunH)_3808641_3809567
Date	Fri Aug 9 18:20:06 BST 2019
Unique Job ID	8bc378d38730d2d7

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d2masa_</a>	 Alignment		100.0	28	<b>Fold:</b> Nucleoside hydrolase <b>Superfamily:</b> Nucleoside hydrolase <b>Family:</b> Nucleoside hydrolase
2	<a href="#">c6ba1C_</a>	 Alignment		100.0	33	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> inosine-uridine preferring nucleoside hydrolase; <b>PDBTitle:</b> purine-preferring ribonucleoside hydrolase from gardnerella vaginalis
3	<a href="#">c3b9xA_</a>	 Alignment		100.0	29	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> pyrimidine-specific ribonucleoside hydrolase rihb; <b>PDBTitle:</b> crystal structure of the e. coli pyrimidine nucleoside hydrolase yeik2 in complex with inosine
4	<a href="#">c4kpnE_</a>	 Alignment		100.0	33	<b>PDB header:</b> hydrolase <b>Chain:</b> E: <b>PDB Molecule:</b> nucleoside n-ribohydrolase 1; <b>PDBTitle:</b> plant nucleoside hydrolase - pnrh1 enzyme
5	<a href="#">d1q8fa_</a>	 Alignment		100.0	29	<b>Fold:</b> Nucleoside hydrolase <b>Superfamily:</b> Nucleoside hydrolase <b>Family:</b> Nucleoside hydrolase
6	<a href="#">c3t8jA_</a>	 Alignment		100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> purine nucleosidase, (iunh-1); <b>PDBTitle:</b> structural analysis of thermostable s. solfataricus pyrimidine-2 specific nucleoside hydrolase
7	<a href="#">d1ezra_</a>	 Alignment		100.0	30	<b>Fold:</b> Nucleoside hydrolase <b>Superfamily:</b> Nucleoside hydrolase <b>Family:</b> Nucleoside hydrolase
8	<a href="#">c4kpoB_</a>	 Alignment		100.0	31	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> nucleoside n-ribohydrolase 3; <b>PDBTitle:</b> plant nucleoside hydrolase - zmrh3 enzyme
9	<a href="#">c3t8iC_</a>	 Alignment		100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> purine nucleosidase, (iunh-2); <b>PDBTitle:</b> structural analysis of thermostable s. solfataricus purine-specific2 nucleoside hydrolase
10	<a href="#">c6ba0D_</a>	 Alignment		100.0	32	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> cytidine/uridine-specific hydrolase; <b>PDBTitle:</b> pyrimidine-specific ribonucleoside hydrolase from gardnerella2 vaginalis
11	<a href="#">c1yoeA_</a>	 Alignment		100.0	33	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein ybek; <b>PDBTitle:</b> crystal structure of a the e. coli pyrimidine nucleoside hydrolase2 ybek with bound ribose

12	<a href="#">c3fz0C_</a>	 Alignment		100.0	30	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> nucleoside hydrolase, putative; <b>PDBTitle:</b> inosine-guanosine nucleoside hydrolase (ig-nh)
13	<a href="#">c5mj7B_</a>	 Alignment		100.0	26	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> structure of the c. elegans nucleoside hydrolase
14	<a href="#">c4wr2A_</a>	 Alignment		100.0	30	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> pyrimidine-specific ribonucleoside hydrolase riha; <b>PDBTitle:</b> crystal structure of a putative pyrimidine-specific ribonucleoside2 hydrolase (riha) protein from shewanella loihica pv-4 (shew_0697,3 target psi-029635) with divalent cation and peg 400 bound at the4 active site
15	<a href="#">c2c40B_</a>	 Alignment		100.0	23	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> inosine-uridine preferring nucleoside hydrolase family <b>PDBTitle:</b> crystal structure of inosine-uridine preferring nucleoside2 hydrolase from bacillus anthracis at 2.2a resolution
16	<a href="#">c4i74A_</a>	 Alignment		100.0	22	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> inosine-adenosine-guanosine-nucleoside hydrolase; <b>PDBTitle:</b> crystal structure of the trypanosoma brucei inosine-adenosine-2 guanosine nucleoside hydrolase in complex with compound uamc-003123 and allosterically inhibited by a ni2+ ion
17	<a href="#">d1kica_</a>	 Alignment		100.0	22	<b>Fold:</b> Nucleoside hydrolase <b>Superfamily:</b> Nucleoside hydrolase <b>Family:</b> Nucleoside hydrolase
18	<a href="#">c4kl0A_</a>	 Alignment		100.0	17	<b>PDB header:</b> calcium binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> crystal structure of the effector protein xoo4466
19	<a href="#">c2yhqA_</a>	 Alignment		99.5	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> cellulose-binding protein; <b>PDBTitle:</b> ab initio phasing of a nucleoside hydrolase-related hypothetical2 protein from saccharophagus degradans that is associated with3 carbohydrate metabolism
20	<a href="#">c5d8mA_</a>	 Alignment		82.3	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> metagenomic carboxyl esterase mgs0156; <b>PDBTitle:</b> crystal structure of the metagenomic carboxyl esterase mgs0156
21	<a href="#">d1gpma1</a>	 Alignment	not modelled	60.9	12	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> N-type ATP pyrophosphatases
22	<a href="#">d1ccwa_</a>	 Alignment	not modelled	57.4	20	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Cobalamin (vitamin B12)-binding domain <b>Family:</b> Cobalamin (vitamin B12)-binding domain
23	<a href="#">c4ra6A_</a>	 Alignment	not modelled	56.5	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> l-asparaginase; <b>PDBTitle:</b> crystal structure of linker less pyrococcus furiosus l-asparaginase
24	<a href="#">c2zyiB_</a>	 Alignment	not modelled	47.8	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> lipase, putative; <b>PDBTitle:</b> a. fulgidus lipase with fatty acid fragment and calcium
25	<a href="#">d7reqa2</a>	 Alignment	not modelled	47.2	22	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Cobalamin (vitamin B12)-binding domain <b>Family:</b> Cobalamin (vitamin B12)-binding domain
26	<a href="#">d2ocda1</a>	 Alignment	not modelled	45.7	16	<b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase
27	<a href="#">d1tcaa_</a>	 Alignment	not modelled	45.0	20	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Fungal lipases
28	<a href="#">c2p2dA_</a>	 Alignment	not modelled	34.9	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> l-asparaginase i; <b>PDBTitle:</b> crystal structure and allosteric regulation of the cytoplasmic2 escherichia coli l-asparaginase i <b>PDB header:</b> rna-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable thiamine biosynthesis protein

29	<a href="#">c2c5sA</a>	Alignment	not modelled	34.0	9	thii; <b>PDBTitle:</b> crystal structure of bacillus anthracis thii, a trna-2 modifying enzyme containing the predicted rna-binding3 thump domain
30	<a href="#">c3icvA</a>	Alignment	not modelled	32.2	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> lipase b; <b>PDBTitle:</b> structural consequences of a circular permutation on lipase b from2 candida antarctica
31	<a href="#">c4ldaF</a>	Alignment	not modelled	31.9	22	<b>PDB header:</b> transcription <b>Chain:</b> F; <b>PDB Molecule:</b> tadz; <b>PDBTitle:</b> crystal structure of a chey-like protein (tadz) from pseudomonas2 aeruginosa pao1 at 2.70 a resolution
32	<a href="#">d1nnsa</a>	Alignment	not modelled	31.4	16	<b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase
33	<a href="#">c4q0mA</a>	Alignment	not modelled	30.8	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> l-asparaginase; <b>PDBTitle:</b> crystal structure of pyrococcus furiosus l-asparaginase
34	<a href="#">d1o7ja</a>	Alignment	not modelled	29.7	24	<b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase
35	<a href="#">d4pgaa</a>	Alignment	not modelled	28.1	22	<b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase
36	<a href="#">c4r8kC</a>	Alignment	not modelled	26.6	19	<b>PDB header:</b> hydrolase <b>Chain:</b> C; <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of the guinea pig l-asparaginase 1 catalytic domain
37	<a href="#">c1wnfA</a>	Alignment	not modelled	25.8	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> l-asparaginase; <b>PDBTitle:</b> crystal structure of ph0066 from pyrococcus horikoshii
38	<a href="#">d1o94c</a>	Alignment	not modelled	24.5	15	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
39	<a href="#">c1ni5A</a>	Alignment	not modelled	24.2	21	<b>PDB header:</b> cell cycle <b>Chain:</b> A; <b>PDB Molecule:</b> putative cell cycle protein mesj; <b>PDBTitle:</b> structure of the mesj pp-atpase from escherichia coli
40	<a href="#">c4kpuB</a>	Alignment	not modelled	24.1	14	<b>PDB header:</b> electron transport <b>Chain:</b> B; <b>PDB Molecule:</b> electron transfer flavoprotein alpha/beta-subunit; <b>PDBTitle:</b> electron transferring flavoprotein of acidaminococcus fermentans:2 towards a mechanism of flavin-based electron bifurcation
41	<a href="#">c5ow0B</a>	Alignment	not modelled	23.8	21	<b>PDB header:</b> electron transport <b>Chain:</b> B; <b>PDB Molecule:</b> electron transfer flavoprotein, beta subunit; <b>PDBTitle:</b> crystal structure of an electron transfer flavoprotein from2 geobacillus metallireducens
42	<a href="#">d1wsaa</a>	Alignment	not modelled	21.4	19	<b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase
43	<a href="#">c5ot0A</a>	Alignment	not modelled	21.1	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> l-asparaginase; <b>PDBTitle:</b> the thermostable l-asparaginase from thermococcus kodakarensis
44	<a href="#">c5ol2E</a>	Alignment	not modelled	20.7	15	<b>PDB header:</b> flavoprotein <b>Chain:</b> E; <b>PDB Molecule:</b> electron transfer flavoprotein small subunit; <b>PDBTitle:</b> the electron transferring flavoprotein/butyryl-coa dehydrogenase2 complex from clostridium difficile
45	<a href="#">c3vrhA</a>	Alignment	not modelled	20.6	16	<b>PDB header:</b> rna binding protein <b>Chain:</b> A; <b>PDB Molecule:</b> putative uncharacterized protein ph0300; <b>PDBTitle:</b> crystal structure of ph0300
46	<a href="#">c1y80A</a>	Alignment	not modelled	20.4	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> predicted cobalamin binding protein; <b>PDBTitle:</b> structure of a corrinoid (factor iim)-binding protein from moorella2 thermoacetica
47	<a href="#">c3eulB</a>	Alignment	not modelled	20.3	15	<b>PDB header:</b> transcription <b>Chain:</b> B; <b>PDB Molecule:</b> possible nitrate/nitrite response transcriptional <b>PDBTitle:</b> structure of the signal receiver domain of the putative response2 regulator narl from mycobacterium tuberculosis
48	<a href="#">c3j26C</a>	Alignment	not modelled	19.7	26	<b>PDB header:</b> virus <b>Chain:</b> C; <b>PDB Molecule:</b> capsid protein v20; <b>PDBTitle:</b> the 3.5 a resolution structure of the sputnik virophage by cryo-em
49	<a href="#">c2dplA</a>	Alignment	not modelled	19.7	15	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> gmp synthase [glutamine-hydrolyzing] subunit b; <b>PDBTitle:</b> crystal structure of the gmp synthase from pyrococcus horikoshii ot3
50	<a href="#">d1agxa</a>	Alignment	not modelled	19.2	13	<b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase
51	<a href="#">d2b3ya2</a>	Alignment	not modelled	19.2	23	<b>Fold:</b> Aconitase iron-sulfur domain <b>Superfamily:</b> Aconitase iron-sulfur domain <b>Family:</b> Aconitase iron-sulfur domain
52	<a href="#">c3qz6A</a>	Alignment	not modelled	18.4	12	<b>PDB header:</b> lyase <b>Chain:</b> A; <b>PDB Molecule:</b> hpch/hpai aldolase; <b>PDBTitle:</b> the crystal structure of hpch/hpai aldolase from desulfitobacterium2 hafniense dcb-2
53	<a href="#">d1ni5a1</a>	Alignment	not modelled	18.4	14	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> PP-loop ATPase

54	<a href="#">d2c5sa1</a>	Alignment	not modelled	18.0	12	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> Thil-like
55	<a href="#">c4nzpA</a>	Alignment	not modelled	17.5	13	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> argininosuccinate synthase; <b>PDBTitle:</b> the crystal structure of argininosuccinate synthase from campylobacter2 jejuni subsp. jejuni nctc 11168
56	<a href="#">d3clsc1</a>	Alignment	not modelled	17.1	14	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
57	<a href="#">c3ss1A</a>	Alignment	not modelled	16.5	26	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> toxin a; <b>PDBTitle:</b> clostridium difficile toxin a (tcda) glucosyltransferase domain
58	<a href="#">c6bs3A</a>	Alignment	not modelled	15.7	20	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative atpase rv3679; <b>PDBTitle:</b> crystal structure of adp-bound bacterial get3-like a and b in2 mycobacterium tuberculosis
59	<a href="#">c2ph1A</a>	Alignment	not modelled	14.4	10	<b>PDB header:</b> ligand binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> nucleotide-binding protein; <b>PDBTitle:</b> crystal structure of nucleotide-binding protein af2382 from2 archaeoglobus fulgidus, northeast structural genomics target gr165
60	<a href="#">c4mozC</a>	Alignment	not modelled	14.1	15	<b>PDB header:</b> lyase <b>Chain:</b> C: <b>PDB Molecule:</b> fructose-bisphosphate aldolase; <b>PDBTitle:</b> fructose-bisphosphate aldolase from slackia heliotrinireducens dsm2 20476
61	<a href="#">c2d6fA</a>	Alignment	not modelled	13.9	18	<b>PDB header:</b> ligase/rna <b>Chain:</b> A: <b>PDB Molecule:</b> glutamyl-trna(gln) amidotransferase subunit d; <b>PDBTitle:</b> crystal structure of glu-trna(gln) amidotransferase in the2 complex with trna(gln)
62	<a href="#">d1vbk1</a>	Alignment	not modelled	13.8	13	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> Thil-like
63	<a href="#">d1lk6a2</a>	Alignment	not modelled	13.8	21	<b>Fold:</b> TK C-terminal domain-like <b>Superfamily:</b> TK C-terminal domain-like <b>Family:</b> Branched-chain alpha-keto acid dehydrogenase beta-subunit, C-terminal-domain
64	<a href="#">c5ghaC</a>	Alignment	not modelled	13.5	15	<b>PDB header:</b> transferase/transport protein <b>Chain:</b> C: <b>PDB Molecule:</b> sulfur transferase ttua; <b>PDBTitle:</b> sulfur transferase ttua in complex with sulfur carrier ttub
65	<a href="#">c4pfxA</a>	Alignment	not modelled	13.0	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative glycosyltransferase (galt1); <b>PDBTitle:</b> the highly conserved domain of unknown function 1792 has a distinct2 glycosyltransferase fold
66	<a href="#">c5v4aB</a>	Alignment	not modelled	12.9	32	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> glycosyltransferase (duf1792); <b>PDBTitle:</b> a new glycosyltransferase (duf1792) from streptococcus sanguinis
67	<a href="#">d1qhda1</a>	Alignment	not modelled	12.8	16	<b>Fold:</b> A virus capsid protein alpha-helical domain <b>Superfamily:</b> A virus capsid protein alpha-helical domain <b>Family:</b> vp6, the major capsid protein of group A rotavirus
68	<a href="#">d1ve5a1</a>	Alignment	not modelled	12.8	21	<b>Fold:</b> Tryptophan synthase beta subunit-like PLP-dependent enzymes <b>Superfamily:</b> Tryptophan synthase beta subunit-like PLP-dependent enzymes <b>Family:</b> Tryptophan synthase beta subunit-like PLP-dependent enzymes
69	<a href="#">d2vl8a1</a>	Alignment	not modelled	12.2	19	<b>Fold:</b> Nucleotide-diphospho-sugar transferases <b>Superfamily:</b> Nucleotide-diphospho-sugar transferases <b>Family:</b> Glycosylating toxin catalytic domain-like
70	<a href="#">c3hv2B</a>	Alignment	not modelled	12.1	7	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> response regulator/hd domain protein; <b>PDBTitle:</b> crystal structure of signal receiver domain of hd domain-containing2 protein from pseudomonas fluorescens pf-5
71	<a href="#">c4ysbB</a>	Alignment	not modelled	11.7	21	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> metallo-beta-lactamase family protein; <b>PDBTitle:</b> crystal structure of ethe1 from myxococcus xanthus
72	<a href="#">c4mf4F</a>	Alignment	not modelled	11.7	22	<b>PDB header:</b> lyase <b>Chain:</b> F: <b>PDB Molecule:</b> hpch/hpai aldolase/citrate lyase family protein; <b>PDBTitle:</b> crystal structure of a hpch/hpai aldolase/citrate lyase family protein2 from burkholderia cenocepacia j2315
73	<a href="#">c4x91C</a>	Alignment	not modelled	11.7	18	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> group xv phospholipase a2; <b>PDBTitle:</b> crystal structure of lysosomal phospholipase a2 in complex with2 isopropyl dodec-11-enylfluorophosphonate (idfp)
74	<a href="#">d1efvb</a>	Alignment	not modelled	11.3	14	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
75	<a href="#">c1xtyD</a>	Alignment	not modelled	11.2	33	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> peptidyl-trna hydrolase; <b>PDBTitle:</b> crystal structure of sulfobolus solfataricus peptidyl-trna hydrolase
76	<a href="#">c4eo9A</a>	Alignment	not modelled	10.9	18	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> 2,3-bisphosphoglycerate-dependent phosphoglycerate mutase; <b>PDBTitle:</b> crystal structure of a phosphoglycerate mutase gpm1 from mycobacterium2 leprae
77	<a href="#">d2vk9a1</a>	Alignment	not modelled	10.8	9	<b>Fold:</b> Nucleotide-diphospho-sugar transferases <b>Superfamily:</b> Nucleotide-diphospho-sugar transferases <b>Family:</b> Glycosylating toxin catalytic domain-like
78	<a href="#">c2d3kA</a>	Alignment	not modelled	10.3	33	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidyl-trna hydrolase; <b>PDBTitle:</b> structural study on project id ph1539 from pyrococcus2 horikoshii ot3 <b>PDB header:</b> hydrolase

79	<a href="#">c2zv3E_</a>	Alignment	not modelled	10.2	33	<b>Chain:</b> E: <b>PDB Molecule:</b> peptidyl-trna hydrolase; <b>PDBTitle:</b> crystal structure of project mj0051 from methanocaldococcus2 jannaschii dsm 2661
80	<a href="#">c3fkqA_</a>	Alignment	not modelled	10.0	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> ntrc-like two-domain protein; <b>PDBTitle:</b> crystal structure of ntrc-like two-domain protein (rer070207001320)2 from eubacterium rectale at 2.10 a resolution
81	<a href="#">c3cseA_</a>	Alignment	not modelled	9.8	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> dihydrofolate reductase; <b>PDBTitle:</b> candida glabrata dihydrofolate reductase complexed with nadph and 2,4-2 diamino-5-(3-(2,5-dimethoxyphenyl)prop-1-ynyl)-6-ethylpyrimidine3 (ucp120b)
82	<a href="#">c2witA_</a>	Alignment	not modelled	9.8	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> l-asparaginase; <b>PDBTitle:</b> the crystal structure of helicobacter pylori l-asparaginase at 1.4 a2 resolution
83	<a href="#">c4kr7A_</a>	Alignment	not modelled	9.7	23	<b>PDB header:</b> transferase/rna <b>Chain:</b> A: <b>PDB Molecule:</b> probable trna sulfurtransferase; <b>PDBTitle:</b> crystal structure of a 4-thiouridine synthetase - rna complex with2 bound atp
84	<a href="#">d2a9pa1</a>	Alignment	not modelled	9.2	9	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
85	<a href="#">c3kqgB_</a>	Alignment	not modelled	9.1	17	<b>PDB header:</b> hydrolase, metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> co dehydrogenase/acetyl-coa synthase complex, accessory <b>PDBTitle:</b> adp-bound state of cooc1
86	<a href="#">d1lw7a1</a>	Alignment	not modelled	8.9	17	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Nucleotidyllyl transferase <b>Family:</b> Adenylyltransferase
87	<a href="#">d3erja1</a>	Alignment	not modelled	8.9	33	<b>Fold:</b> Peptidyl-tRNA hydrolase II <b>Superfamily:</b> Peptidyl-tRNA hydrolase II <b>Family:</b> Peptidyl-tRNA hydrolase II
88	<a href="#">c1zq1B_</a>	Alignment	not modelled	8.8	18	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> glutamyl-trna(gln) amidotransferase subunit d; <b>PDBTitle:</b> structure of gatde trna-dependent amidotransferase from2 pyrococcus abyssi
89	<a href="#">c3fiuD_</a>	Alignment	not modelled	8.8	20	<b>PDB header:</b> ligase <b>Chain:</b> D: <b>PDB Molecule:</b> nh(3)-dependent nad(+) synthetase; <b>PDBTitle:</b> structure of nmn synthetase from francisella tularensis
90	<a href="#">c3bl5E_</a>	Alignment	not modelled	8.8	13	<b>PDB header:</b> hydrolase <b>Chain:</b> E: <b>PDB Molecule:</b> queuosine biosynthesis protein quec; <b>PDBTitle:</b> crystal structure of quec from bacillus subtilis: an enzyme2 involved in preg1 biosynthesis
91	<a href="#">c4x96B_</a>	Alignment	not modelled	8.7	12	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> phosphatidylcholine-sterol acyltransferase; <b>PDBTitle:</b> low resolution crystal structure of lecithin:cholesterol2 acyltransferase (lcat; residues 21-397)
92	<a href="#">d2bvla1</a>	Alignment	not modelled	8.4	18	<b>Fold:</b> Nucleotide-diphospho-sugar transferases <b>Superfamily:</b> Nucleotide-diphospho-sugar transferases <b>Family:</b> Glycosylating toxin catalytic domain-like
93	<a href="#">c2j7pA_</a>	Alignment	not modelled	8.3	16	<b>PDB header:</b> signal recognition <b>Chain:</b> A: <b>PDB Molecule:</b> signal recognition particle protein; <b>PDBTitle:</b> gmppnp-stabilized ng domain complex of the srp gtpases ffh2 and ftsy
94	<a href="#">d2d6fa2</a>	Alignment	not modelled	8.3	14	<b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase
95	<a href="#">d1umdb2</a>	Alignment	not modelled	8.2	21	<b>Fold:</b> TK C-terminal domain-like <b>Superfamily:</b> TK C-terminal domain-like <b>Family:</b> Branched-chain alpha-keto acid dehydrogenase beta-subunit, C-terminal-domain
96	<a href="#">d1t1ra2</a>	Alignment	not modelled	8.1	3	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
97	<a href="#">d2bfdb2</a>	Alignment	not modelled	8.0	11	<b>Fold:</b> TK C-terminal domain-like <b>Superfamily:</b> TK C-terminal domain-like <b>Family:</b> Branched-chain alpha-keto acid dehydrogenase beta-subunit, C-terminal-domain
98	<a href="#">d1q7sa_</a>	Alignment	not modelled	8.0	36	<b>Fold:</b> Peptidyl-tRNA hydrolase II <b>Superfamily:</b> Peptidyl-tRNA hydrolase II <b>Family:</b> Peptidyl-tRNA hydrolase II
99	<a href="#">c1ys7B_</a>	Alignment	not modelled	8.0	11	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulatory protein prra; <b>PDBTitle:</b> crystal structure of the response regulator protein prra complexed2 with mg2+