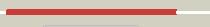
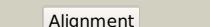
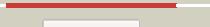
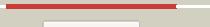
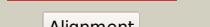
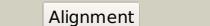
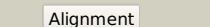
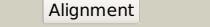
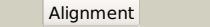
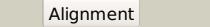
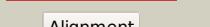
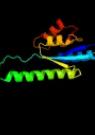
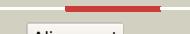
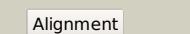
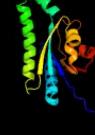
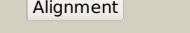
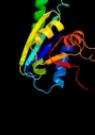
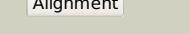
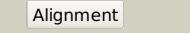
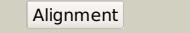
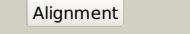
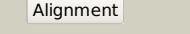
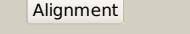
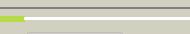


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD1996 (-) _2239012_2239965
Date	Mon Aug 5 13:25:10 BST 2019
Unique Job ID	e77c0a698a116ef9

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2jaxA_</a>			100.0	50	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein tb31.7; <b>PDBTitle:</b> universal stress protein rv2623 from mycobacterium2 tuberculosis
2	<a href="#">c3olqA_</a>			100.0	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> universal stress protein e; <b>PDBTitle:</b> the crystal structure of a universal stress protein e from proteus2 mirabilis hi4320
3	<a href="#">c3logA_</a>			100.0	22	<b>PDB header:</b> structure genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> universal stress protein; <b>PDBTitle:</b> the crystal structure of a universal stress protein from archaeoglobus2 fulgidus dsm 4304
4	<a href="#">c3mt0A_</a>			100.0	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein pa1789; <b>PDBTitle:</b> the crystal structure of a functionally unknown protein pa1789 from2 pseudomonas aeruginosa pao1
5	<a href="#">c3ab8B_</a>			100.0	20	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> putative uncharacterized protein ttha0350; <b>PDBTitle:</b> crystal structure of the hypothetical tandem-type universal stress2 protein ttha0350 complexed with atps.
6	<a href="#">c4r2jA_</a>			100.0	14	<b>PDB header:</b> metal binding protein, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> universal stress protein e; <b>PDBTitle:</b> crystal structure of ydaa (universal stress protein e) from salmonella2 typhimurium
7	<a href="#">d1tq8a_</a>			99.8	37	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> Universal stress protein-like
8	<a href="#">c5ahwC_</a>			99.8	23	<b>PDB header:</b> signaling protein <b>Chain:</b> C: <b>PDB Molecule:</b> universal stress protein; <b>PDBTitle:</b> crystal structure of universal stress protein msmeg_3811 in2 complex with camp
9	<a href="#">c3s3tD_</a>			99.8	19	<b>PDB header:</b> chaperone <b>Chain:</b> D: <b>PDB Molecule:</b> nucleotide-binding protein, universal stress protein uspa <b>PDBTitle:</b> universal stress protein uspa from lactobacillus plantarum
10	<a href="#">c3dl0C_</a>			99.8	25	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> universal stress protein; <b>PDBTitle:</b> structure of universal stress protein from archaeoglobus fulgidus
11	<a href="#">c3fh0A_</a>			99.8	37	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative universal stress protein kpn_01444; <b>PDBTitle:</b> crystal structure of putative universal stress protein kpn_01444 -2 atpase

12	<a href="#">c3hgmD</a>			99.8	24	<b>PDB header:</b> signaling protein <b>Chain:</b> D; <b>PDB Molecule:</b> universal stress protein tead; <b>PDBTitle:</b> universal stress protein tead from the trap transporter teabc of2 halomonas elongata
13	<a href="#">d2z3va1</a>			99.8	24	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> Universal stress protein-like
14	<a href="#">d1mjha</a>			99.8	18	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> Universal stress protein-like
15	<a href="#">d2gm3a1</a>			99.8	20	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> Universal stress protein-like
16	<a href="#">c4wnyA</a>			99.7	22	<b>PDB header:</b> signaling protein <b>Chain:</b> A; <b>PDB Molecule:</b> universal stress protein; <b>PDBTitle:</b> crystal structure of a protein from the universal stress protein2 family from burkholderia pseudomallei
17	<a href="#">c3fg9B</a>			99.7	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B; <b>PDB Molecule:</b> protein of universal stress protein uspa family; <b>PDBTitle:</b> the crystal structure of an universal stress protein uspa2 family protein from lactobacillus plantarum wcfs1
18	<a href="#">c4r2IB</a>			99.7	24	<b>PDB header:</b> unknown function <b>Chain:</b> B; <b>PDB Molecule:</b> universal stress protein f; <b>PDBTitle:</b> crystal structure of ynaf (universal stress protein f) from salmonella2 typhimurium
19	<a href="#">c2dumD</a>			99.7	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> D; <b>PDB Molecule:</b> hypothetical protein ph0823; <b>PDBTitle:</b> crystal structure of hypothetical protein, ph0823
20	<a href="#">d1jmva</a>			99.7	18	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> Universal stress protein-like
21	<a href="#">c2pfsA</a>		not modelled	99.6	23	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> universal stress protein; <b>PDBTitle:</b> crystal structure of universal stress protein from nitrosomonas2 europaea
22	<a href="#">c3idfA</a>		not modelled	99.6	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> usp-like protein; <b>PDBTitle:</b> the crystal structure of a usp-like protein from wolinella2 succinogenes to 2.0a
23	<a href="#">d1q77a</a>		not modelled	99.6	14	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> Universal stress protein-like
24	<a href="#">c3g40A</a>		not modelled	94.0	10	<b>PDB header:</b> transport protein <b>Chain:</b> A; <b>PDB Molecule:</b> na-k-cl cotransporter; <b>PDBTitle:</b> crystal structure of the cytoplasmic domain of a2 prokaryotic cation chloride cotransporter
25	<a href="#">c6eoA</a>		not modelled	76.7	23	<b>PDB header:</b> flavoprotein <b>Chain:</b> A; <b>PDB Molecule:</b> phosphopantothenoylcysteine decarboxylase; <b>PDBTitle:</b> crystal structure of hal3 from cryptococcus neoformans
26	<a href="#">c4kpuB</a>		not modelled	69.3	19	<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
27	<a href="#">c3a2kB</a>		not modelled	66.8	18	<b>PDB header:</b> ligase/rna <b>Chain:</b> B; <b>PDB Molecule:</b> trna(ile)-lysidine synthase; <b>PDBTitle:</b> crystal structure of tils complexed with trna
28	<a href="#">c6qlgD</a>		not modelled	65.8	20	<b>PDB header:</b> transferase <b>Chain:</b> D; <b>PDB Molecule:</b> flavin prenyltransferase pad1, mitochondrial;

						<b>PDBTitle:</b> crystal structure of anubix (pada1) in complex with fmn and2 dimethylallyl pyrophosphate
29	<a href="#">d1sbza</a>	Alignment	not modelled	63.7	21	<b>Fold:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Superfamily:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Family:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD
30	<a href="#">c6jlsA</a>	Alignment	not modelled	62.5	23	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative flavoprotein decarboxylase; <b>PDBTitle:</b> crystal structure of fmn-dependent cysteine decarboxylases tva from2 thioviridamide biosynthesis
31	<a href="#">c5o12E</a>	Alignment	not modelled	61.4	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
32	<a href="#">c4r3uD</a>	Alignment	not modelled	58.9	14	<b>PDB header:</b> isomerase <b>Chain:</b> D: <b>PDB Molecule:</b> 2-hydroxyisobutyryl-coa mutase small subunit; <b>PDBTitle:</b> crystal structure of 2-hydroxyisobutyryl-coa mutase
33	<a href="#">c4n7bA</a>	Alignment	not modelled	58.4	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> lytb; <b>PDBTitle:</b> structure of the e-1-hydroxy-2-methyl-but-2-enyl-4-diphosphate2 reductase from plasmodium falciparum
34	<a href="#">c3zquA</a>	Alignment	not modelled	56.9	9	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> probable aromatic acid decarboxylase; <b>PDBTitle:</b> structure of a probable aromatic acid decarboxylase
35	<a href="#">d2ajta2</a>	Alignment	not modelled	55.8	5	<b>Fold:</b> Fucl/AraA N-terminal and middle domains <b>Superfamily:</b> Fucl/AraA N-terminal and middle domains <b>Family:</b> AraA N-terminal and middle domain-like
36	<a href="#">c1kh2D</a>	Alignment	not modelled	52.4	12	<b>PDB header:</b> ligase <b>Chain:</b> D: <b>PDB Molecule:</b> argininosuccinate synthetase; <b>PDBTitle:</b> crystal structure of thermus thermophilus hb8 argininosuccinate synthetase in complex with atp
37	<a href="#">c3dnfB</a>	Alignment	not modelled	50.5	9	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 4-hydroxy-3-methylbut-2-enyl diphosphate reductase; <b>PDBTitle:</b> structure of (e)-4-hydroxy-3-methyl-but-2-enyl diphosphate reductase,2 the terminal enzyme of the non-mevalonate pathway
38	<a href="#">c5ow0B</a>	Alignment	not modelled	48.1	18	<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
39	<a href="#">c2ppvA</a>	Alignment	not modelled	46.8	21	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a protein belonging to the upf0052 (se_0549) from staphylococcus epidermidis atcc 12228 at 2.00 a resolution
40	<a href="#">d1p3y1</a>	Alignment	not modelled	45.5	21	<b>Fold:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Superfamily:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Family:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD
41	<a href="#">c1ni5A</a>	Alignment	not modelled	44.6	26	<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
42	<a href="#">c2e21A</a>	Alignment	not modelled	43.0	5	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> tRNA(ile)-lysidine synthase; <b>PDBTitle:</b> crystal structure of tils in a complex with amppnp from aquifex2 aeolicus.
43	<a href="#">c2p0yA</a>	Alignment	not modelled	40.5	24	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein lp_0780; <b>PDBTitle:</b> crystal structure of q88y3_lacpl from lactobacillus plantarum.2 northeast structural genomics consortium target lpr6
44	<a href="#">d1lowla2</a>	Alignment	not modelled	38.4	15	<b>Fold:</b> Cryptochrome/photolyase, N-terminal domain <b>Superfamily:</b> Cryptochrome/photolyase, N-terminal domain <b>Family:</b> Cryptochrome/photolyase, N-terminal domain
45	<a href="#">c4rheB</a>	Alignment	not modelled	36.3	16	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> 3-octaprenyl-4-hydroxybenzoate carboxy-lyase; <b>PDBTitle:</b> crystal structure of ubix, an aromatic acid decarboxylase from2 colwellia psychrerythraea 34h
46	<a href="#">d2hzba1</a>	Alignment	not modelled	36.3	19	<b>Fold:</b> CofD-like <b>Superfamily:</b> CofD-like <b>Family:</b> CofD-like
47	<a href="#">c2xrzA</a>	Alignment	not modelled	35.8	11	<b>PDB header:</b> lyase/dna <b>Chain:</b> A: <b>PDB Molecule:</b> deoxyribodipyrimidine photolyase; <b>PDBTitle:</b> x-ray structure of archaeal class ii cpd photolyase from2 methanosaerica mazei in complex with intact cpd-lesion
48	<a href="#">d1m7ja3</a>	Alignment	not modelled	34.1	17	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Metallo-dependent hydrolases <b>Family:</b> D-aminoacylase, catalytic domain
49	<a href="#">c6fkxD</a>	Alignment	not modelled	33.8	17	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> acetyl xylan esterase; <b>PDBTitle:</b> crystal structure of an acetyl xylan esterase from a desert metagenome
50	<a href="#">c6fahB</a>	Alignment	not modelled	33.4	19	<b>PDB header:</b> flavoprotein <b>Chain:</b> B: <b>PDB Molecule:</b> caffeyl-coa reductase-etf complex subunit card; <b>PDBTitle:</b> molecular basis of the flavin-based electron-bifurcating caffeyl-coa2 reductase reaction
51	<a href="#">c3s40C</a>	Alignment	not modelled	33.0	14	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> diacylglycerol kinase; <b>PDBTitle:</b> the crystal structure of a diacylglycerol kinases from bacillus2 anthracis str. sterne
52	<a href="#">c2qihA</a>	Alignment	not modelled	32.9	9	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> probable aromatic acid decarboxylase;

52	<a href="#">c2ejpa</a>	Alignment	not modelled	32.9	7	<b>PDBTitle:</b> crystal structure of phenylacrylic acid decarboxylase from <i>2 aquifex aeolicus</i>
53	<a href="#">c2hxgB</a>	Alignment	not modelled	32.3	5	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> l-arabinose isomerase; <b>PDBTitle:</b> crystal structure of mn2+ bound eca1
54	<a href="#">d1gzuA</a>	Alignment	not modelled	32.3	21	<b>Fold:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Superfamily:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Family:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD
55	<a href="#">d1np7a2</a>	Alignment	not modelled	32.0	10	<b>Fold:</b> Cryptochrome/photolyase, N-terminal domain <b>Superfamily:</b> Cryptochrome/photolyase, N-terminal domain <b>Family:</b> Cryptochrome/photolyase, N-terminal domain
56	<a href="#">c5h75B</a>	Alignment	not modelled	31.7	20	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> mersacidin decarboxylase,immunoglobulin g-binding protein <b>PDBTitle:</b> crystal structure of the mrsd-protein a fusion protein
57	<a href="#">c4r1oF</a>	Alignment	not modelled	31.7	8	<b>PDB header:</b> isomerase <b>Chain:</b> F: <b>PDB Molecule:</b> l-arabinose isomerase; <b>PDBTitle:</b> crystal structure of thermophilic <i>geobacillus kaustophilus</i> l-arabinose2 isomerase
58	<a href="#">c3fcyB</a>	Alignment	not modelled	31.3	13	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> xylan esterase 1; <b>PDBTitle:</b> crystal structure of acetyl xylan esterase 1 from <i>2 thermoanaerobacterium sp. jw/sl ys485</i>
59	<a href="#">d1g5qa</a>	Alignment	not modelled	30.7	6	<b>Fold:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Superfamily:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Family:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD
60	<a href="#">c1qzuB</a>	Alignment	not modelled	30.2	21	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> hypothetical protein mds018; <b>PDBTitle:</b> crystal structure of human phosphopantothenoylcysteine decarboxylase
61	<a href="#">c3mveB</a>	Alignment	not modelled	30.1	21	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> upf0255 protein vv1_0328; <b>PDBTitle:</b> crystal structure of a novel pyruvate decarboxylase
62	<a href="#">d1j20a1</a>	Alignment	not modelled	29.1	12	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> N-type ATP pyrophosphatases
63	<a href="#">c2yxba</a>	Alignment	not modelled	29.0	11	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> coenzyme b12-dependent mutase; <b>PDBTitle:</b> crystal structure of the methylmalonyl-coa mutase alpha-subunit from <i>2 aeropyrum pernix</i>
64	<a href="#">d1mvla</a>	Alignment	not modelled	28.3	12	<b>Fold:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Superfamily:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Family:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD
65	<a href="#">c1mvla</a>	Alignment	not modelled	28.3	12	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> ppc decarboxylase athal3a; <b>PDBTitle:</b> ppc decarboxylase mutant c175s
66	<a href="#">d1xrsa</a>	Alignment	not modelled	28.2	13	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Cobalamin (vitamin B12)-dependent enzymes <b>Family:</b> D-lysine 5,6-aminomutase alpha subunit, KamD
67	<a href="#">d1o94c</a>	Alignment	not modelled	26.6	22	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
68	<a href="#">c2fvzC</a>	Alignment	not modelled	26.5	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> putative arsenical resistance protein; <b>PDBTitle:</b> crystal structure of an apo form of a flavin-binding protein from <i>2 shigella flexneri</i>
69	<a href="#">c3vrhA</a>	Alignment	not modelled	26.3	15	<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
70	<a href="#">c3urkA</a>	Alignment	not modelled	24.8	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxy-3-methylbut-2-enyl diphosphate reductase; <b>PDBTitle:</b> isph in complex with propynyl diphosphate (1061)
71	<a href="#">c3ke8A</a>	Alignment	not modelled	24.8	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxy-3-methylbut-2-enyl diphosphate reductase; <b>PDBTitle:</b> crystal structure of isph:hmbpp-complex
72	<a href="#">d1ni5a1</a>	Alignment	not modelled	24.4	26	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> PP-loop ATPase
73	<a href="#">d3clsd1</a>	Alignment	not modelled	24.4	17	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
74	<a href="#">c2q0xA</a>	Alignment	not modelled	23.3	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> alpha/beta hydrolase fold protein of unknown function
75	<a href="#">d2j07a2</a>	Alignment	not modelled	22.6	15	<b>Fold:</b> Cryptochrome/photolyase, N-terminal domain <b>Superfamily:</b> Cryptochrome/photolyase, N-terminal domain <b>Family:</b> Cryptochrome/photolyase, N-terminal domain
76	<a href="#">c2j289</a>	Alignment	not modelled	22.5	10	<b>PDB header:</b> ribosome <b>Chain:</b> 9: <b>PDB Molecule:</b> signal recognition particle 54; <b>PDBTitle:</b> model of <i>e. coli</i> srp bound to 70s rncs
77	<a href="#">c2vefB</a>	Alignment	not modelled	22.3	8	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> dihydropteroate synthase; <b>PDBTitle:</b> dihydropteroate synthase from <i>streptococcus pneumoniae</i>
78	<a href="#">c4n2za</a>	Alignment	not modelled	22.0	13	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> argininosuccinate synthase;

78	<a href="#">c4116pm</a>	Alignment	not modelled	22.0	13	<b>PDBTitle:</b> the crystal structure of argininosuccinate synthase from campylobacter2 jejuni subsp. jejuni nctc 11168
79	<a href="#">d1vlqa</a>	Alignment	not modelled	20.5	13	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Acetyl xylan esterase-like
80	<a href="#">c1o94D</a>	Alignment	not modelled	20.4	17	<b>PDB header:</b> electron transport <b>Chain:</b> D: <b>PDB Molecule:</b> electron transfer flavoprotein alpha-subunit; <b>PDBTitle:</b> ternary complex between trimethylamine dehydrogenase and2 electron transferring flavoprotein
81	<a href="#">c2nz2A</a>	Alignment	not modelled	19.6	10	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> argininosuccinate synthase; <b>PDBTitle:</b> crystal structure of human argininosuccinate synthase in complex with2 aspartate and citrulline
82	<a href="#">c5ghaC</a>	Alignment	not modelled	19.5	12	<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
83	<a href="#">d2g0ta1</a>	Alignment	not modelled	18.6	21	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nitrogenase iron protein-like
84	<a href="#">c1vl2C</a>	Alignment	not modelled	18.3	9	<b>PDB header:</b> ligase <b>Chain:</b> C: <b>PDB Molecule:</b> argininosuccinate synthase; <b>PDBTitle:</b> crystal structure of argininosuccinate synthase (tm1780) from2 thermotoga maritima at 1.65 a resolution
85	<a href="#">d3clsc1</a>	Alignment	not modelled	18.0	22	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> ETFP subunits
86	<a href="#">d1to6a</a>	Alignment	not modelled	17.9	21	<b>Fold:</b> Glycerate kinase I <b>Superfamily:</b> Glycerate kinase I <b>Family:</b> Glycerate kinase I
87	<a href="#">d1p5dx1</a>	Alignment	not modelled	17.6	19	<b>Fold:</b> Phosphoglucomutase, first 3 domains <b>Superfamily:</b> Phosphoglucomutase, first 3 domains <b>Family:</b> Phosphoglucomutase, first 3 domains
88	<a href="#">c3llcA</a>	Alignment	not modelled	17.2	30	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative hydrolase; <b>PDBTitle:</b> crystal structure of putative hydrolase (yp_002548124.1) from2 agrobacterium vitis s4 at 1.80 a resolution
89	<a href="#">c1w2wl</a>	Alignment	not modelled	17.0	9	<b>PDB header:</b> isomerase <b>Chain:</b> J: <b>PDB Molecule:</b> 5-methylthioribose-1-phosphate isomerase; <b>PDBTitle:</b> crystal structure of yeast ypr118w, a methylthioribose-1-phosphate2 isomerase related to regulatory eif2b subunits
90	<a href="#">c3qjgD</a>	Alignment	not modelled	16.7	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> epidermin biosynthesis protein epid; <b>PDBTitle:</b> epidermin biosynthesis protein epid from staphylococcus aureus
91	<a href="#">c3mcuF</a>	Alignment	not modelled	16.7	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> dipicolinate synthase, b chain; <b>PDBTitle:</b> crystal structure of the dipicolinate synthase chain b from bacillus2 cereus. northeast structural genomics consortium target bcr215.
92	<a href="#">c2j4dA</a>	Alignment	not modelled	16.5	13	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> cryptochrome dash; <b>PDBTitle:</b> cryptochrome 3 from arabidopsis thaliana
93	<a href="#">c6jddA</a>	Alignment	not modelled	16.3	17	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> cypemycin cysteine dehydrogenase (decarboxylating); <b>PDBTitle:</b> crystal structure of the cypemycin decarboxylase cypd.
94	<a href="#">d2jbwa1</a>	Alignment	not modelled	16.0	24	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> 2,6-dihydropseudoxyxonicine hydrolase-like
95	<a href="#">c2qs9A</a>	Alignment	not modelled	15.9	15	<b>PDB header:</b> structural protein <b>Chain:</b> A: <b>PDB Molecule:</b> retinoblastoma-binding protein 9; <b>PDBTitle:</b> crystal structure of the human retinoblastoma-binding2 protein 9 (rbbp-9). nesg target hr2978
96	<a href="#">d1s5pa</a>	Alignment	not modelled	15.5	11	<b>Fold:</b> DHS-like NAD/FAD-binding domain <b>Superfamily:</b> DHS-like NAD/FAD-binding domain <b>Family:</b> Sir2 family of transcriptional regulators
97	<a href="#">c3c04A</a>	Alignment	not modelled	15.4	19	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphomannomutase/phosphoglucomutase; <b>PDBTitle:</b> structure of the p368g mutant of pmm/pgm from p. aeruginosa
98	<a href="#">c4ao6A</a>	Alignment	not modelled	15.3	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> esterase; <b>PDBTitle:</b> native structure of a novel cold-adapted esterase from an2 arctic intertidal metagenomic library
99	<a href="#">c5gafi</a>	Alignment	not modelled	15.1	13	<b>PDB header:</b> ribosome <b>Chain:</b> I: <b>PDB Molecule:</b> 50s ribosomal protein l10; <b>PDBTitle:</b> rnc in complex with srp