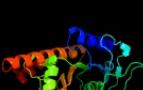
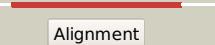
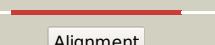
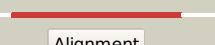


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD0727c_(fucA)_819846_820502
Date	Fri Jul 26 01:50:30 BST 2019
Unique Job ID	19025d106cf5fb1

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1ojra_</a>			100.0	21	<b>Fold:</b> AraD/HMP-PK domain-like <b>Superfamily:</b> AraD/HMP-PK domain-like <b>Family:</b> AraD-like aldolase/epimerase
2	<a href="#">c4c24A_</a>			100.0	35	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> l-fuculose phosphate aldolase; <b>PDBTitle:</b> l-fuculose 1-phosphate aldolase
3	<a href="#">d1e4cp_</a>			100.0	29	<b>Fold:</b> AraD/HMP-PK domain-like <b>Superfamily:</b> AraD/HMP-PK domain-like <b>Family:</b> AraD-like aldolase/epimerase
4	<a href="#">c6btDA_</a>			100.0	35	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> fuculose phosphate aldolase; <b>PDBTitle:</b> crystal structure of deoxyribose-phosphate aldolase from bacillus2 thuringiensis involved in dispatching the ubiquitous radical sam3 enzyme byproduct 5-deoxyribose
5	<a href="#">c3ocrA_</a>			100.0	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> class ii aldolase/adducin domain protein; <b>PDBTitle:</b> crystal structure of aldolase ii superfamily protein from pseudomonas2 syringae
6	<a href="#">c4xxfA_</a>			100.0	22	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> fuculose-1-phosphate aldolase; <b>PDBTitle:</b> l-fuculose 1-phosphate aldolase from glaciozyma antarctica pi12
7	<a href="#">c2z7bA_</a>			100.0	20	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> mlr6791 protein; <b>PDBTitle:</b> crystal structure of mesorhizobium loti 3-hydroxy-2-methylpyridine-4,2 5-dicarboxylate decarboxylase
8	<a href="#">c2opIB_</a>			100.0	21	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> l-fuculose-1-phosphate aldolase; <b>PDBTitle:</b> crystal structure of l-fuculose-1-phosphate aldolase from bacteroides2 thetaiotaomicron
9	<a href="#">d1kOwa_</a>			100.0	30	<b>Fold:</b> AraD/HMP-PK domain-like <b>Superfamily:</b> AraD/HMP-PK domain-like <b>Family:</b> AraD-like aldolase/epimerase
10	<a href="#">c2fk5B_</a>			100.0	27	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> fuculose-1-phosphate aldolase; <b>PDBTitle:</b> crystal structure of l-fuculose-1-phosphate aldolase from thermus2 thermophilus hb8
11	<a href="#">d1pvta_</a>			100.0	27	<b>Fold:</b> AraD/HMP-PK domain-like <b>Superfamily:</b> AraD/HMP-PK domain-like <b>Family:</b> AraD-like aldolase/epimerase

12	<a href="#">c4m6rA_</a>	Alignment		100.0	20	<b>PDB header:</b> lyase <b>Chain:</b> A; <b>PDB Molecule:</b> methylthioribulose-1-phosphate dehydratase; <b>PDBTitle:</b> structural and biochemical basis for the inhibition of cell death by2 apip, a methionine salvage enzyme
13	<a href="#">c2irpA_</a>	Alignment		100.0	23	<b>PDB header:</b> lyase <b>Chain:</b> A; <b>PDB Molecule:</b> putative aldolase class 2 protein aq_1979; <b>PDBTitle:</b> crystal structure of the l-fuculose-1-phosphate aldolase (aq_1979)2 from aquifex aeolicus vf5
14	<a href="#">c3m4rA_</a>	Alignment		100.0	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> structure of the n-terminal class ii aldolase domain of a conserved2 protein from thermoplasma acidophilum
15	<a href="#">c4xaeB_</a>	Alignment		59.2	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B; <b>PDB Molecule:</b> feruloyl coa ortho-hydroxylase 1; <b>PDBTitle:</b> structure of feruloyl-coa 6-hydroxylase (f6h) from arabidopsis2 thaliana
16	<a href="#">d1w9ya1</a>	Alignment		27.7	14	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavaminate synthase-like <b>Family:</b> Penicillin synthase-like
17	<a href="#">d1odma_</a>	Alignment		27.6	17	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavaminate synthase-like <b>Family:</b> Penicillin synthase-like
18	<a href="#">c5gj9A_</a>	Alignment		26.8	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> 1-aminocyclopropane-1-carboxylate oxidase 2; <b>PDBTitle:</b> crystal structure of arabidopsis thaliana aco2 in complex with poa
19	<a href="#">c6g1cv_</a>	Alignment		26.1	14	<b>PDB header:</b> antitoxin <b>Chain:</b> V; <b>PDB Molecule:</b> antitoxin hicb; <b>PDBTitle:</b> crystal structure of the n-terminal domain of burkholderia2 pseudomallei antitoxin hicb
20	<a href="#">d1gp6a_</a>	Alignment		26.0	16	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavaminate synthase-like <b>Family:</b> Penicillin synthase-like
21	<a href="#">c2kouA_</a>	Alignment	not modelled	24.8	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> dicer-like protein 4; <b>PDBTitle:</b> dicer like protein
22	<a href="#">c4q0mA_</a>	Alignment	not modelled	23.0	16	<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
23	<a href="#">c2yztA_</a>	Alignment	not modelled	21.5	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> putative uncharacterized protein ttha1756; <b>PDBTitle:</b> crystal structure of uncharacterized conserved protein from thermus2 thermophilus hb8
24	<a href="#">c2yz3B_</a>	Alignment	not modelled	21.2	12	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> metallo-beta-lactamase; <b>PDBTitle:</b> crystallographic investigation of inhibition mode of the2 vim-2 metallo-beta-lactamase from pseudomonas aeruginosa3 with mercaptocarboxylate inhibitor
25	<a href="#">c2d6fA_</a>	Alignment	not modelled	20.9	17	<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)
26	<a href="#">c3on7C_</a>	Alignment	not modelled	20.3	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C; <b>PDB Molecule:</b> oxidoreductase, iron/ascorbate family; <b>PDBTitle:</b> crystal structure of a putative oxygenase (so_2589) from shewanella2 oneidensis at 2.20 a resolution
27	<a href="#">c2k06A_</a>	Alignment	not modelled	17.8	16	<b>PDB header:</b> transcription <b>Chain:</b> A; <b>PDB Molecule:</b> transcription antitermination protein nusg; <b>PDBTitle:</b> solution structure of the aminoterminial domain of e. coli nusg
28	<a href="#">d1nz8a_</a>	Alignment	not modelled	17.6	36	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> N-utilization substance G protein NusG, N-terminal

						<b>Family:</b> N-utilization substance G protein NusG, N-terminal domain <b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable iron/ascorbate oxidoreductase; <b>PDBTitle:</b> structure of an isopenicillin n synthase from pseudomonas aeruginosa2 pao1
29	<a href="#">c6jyvA</a>	Alignment	not modelled	17.4	23	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavaminate synthase-like <b>Family:</b> Penicillin synthase-like
30	<a href="#">d1dcSA</a>	Alignment	not modelled	16.3	17	<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
31	<a href="#">c5ot0A</a>	Alignment	not modelled	15.8	18	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna repair protein recn; <b>PDBTitle:</b> crystal structure of a deletion mutant of deinococcus radiodurans2 recn
32	<a href="#">c4ad8A</a>	Alignment	not modelled	15.6	13	<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
33	<a href="#">d2bfdb2</a>	Alignment	not modelled	14.1	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> probable 2-oxoacid ferredoxin oxidoreductase, alpha chain; <b>PDBTitle:</b> crystal structure of alpha chain of probable 2-oxoacid ferredoxin2 oxidoreductase from thermoplasma acidophilum
34	<a href="#">c3ju3A</a>	Alignment	not modelled	13.9	18	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> glutamine phosphoribosylpyrophosphate <b>PDBTitle:</b> escherichia coli glutamine phosphoribosylpyrophosphate2 (prpp) amidotransferase complexed with 2 amp per tetramer
35	<a href="#">c1ecjB</a>	Alignment	not modelled	13.7	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> alpha-ketoglutarate-dependent taurine dioxygenase; <b>PDBTitle:</b> crystal structure of the fe(ii)/alpha-ketoglutarate dependent taurine2 dioxygenase from pseudomonas putida kt2440
36	<a href="#">c3pvjB</a>	Alignment	not modelled	13.6	10	<b>PDB header:</b> hydrolyase <b>Chain:</b> A: <b>PDB Molecule:</b> l-asparaginase; <b>PDBTitle:</b> crystal structure of ph0066 from pyrococcus horikoshii
37	<a href="#">c1wnfA</a>	Alignment	not modelled	12.5	16	<b>PDB header:</b> hydrolyase <b>Chain:</b> B: <b>PDB Molecule:</b> metallo-beta-lactamase aim-1; <b>PDBTitle:</b> crystal structure of the mobile metallo-beta-lactamase aim-1 from pseudomonas aeruginosa: insights into antibiotic binding and the role3 of gln157
38	<a href="#">c4awyB</a>	Alignment	not modelled	11.3	10	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> tsr3; <b>PDBTitle:</b> structure of the sam-dependent rrna:acp-transferase tsr32 from vulcanisaeta distributa
39	<a href="#">c5apgA</a>	Alignment	not modelled	11.2	20	<b>PDB header:</b> hydrolyase <b>Chain:</b> B: <b>PDB Molecule:</b> beta-lactamase rm3; <b>PDBTitle:</b> rm3 metallo-beta-lactamase
40	<a href="#">c5iqkB</a>	Alignment	not modelled	11.0	11	<b>PDB header:</b> hydrolyase <b>Chain:</b> D: <b>PDB Molecule:</b> sec-alkyl sulfatase; <b>PDBTitle:</b> structure determination of the stereoselective inverting sec-2 alkylsulfatase pisal1 from pseudomonas sp.
41	<a href="#">c2yheD</a>	Alignment	not modelled	10.7	19	<b>Fold:</b> MTH1598-like <b>Superfamily:</b> MTH1598-like <b>Family:</b> MTH1598-like
42	<a href="#">d1j5ua</a>	Alignment	not modelled	10.5	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
43	<a href="#">d1w85b2</a>	Alignment	not modelled	10.3	16	<b>PDB header:</b> chaperone <b>Chain:</b> C: <b>PDB Molecule:</b> protein archease; <b>PDBTitle:</b> structure of archease from pyrococcus horikoshii
44	<a href="#">c4n2pC</a>	Alignment	not modelled	10.1	16	<b>PDB header:</b> cell cycle <b>Chain:</b> C: <b>PDB Molecule:</b> sepf-like protein; <b>PDBTitle:</b> sepf-like protein from archaeoglobus fulgidus
45	<a href="#">c3zieC</a>	Alignment	not modelled	10.0	20	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> protein archease; <b>PDBTitle:</b> crystal structure of human archease d178a
46	<a href="#">c5yzIA</a>	Alignment	not modelled	9.9	21	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> fusion protein 5.5/5.7; <b>PDBTitle:</b> gp5.7 mutant l42a
47	<a href="#">c5lgmA</a>	Alignment	not modelled	9.9	38	<b>PDB header:</b> hydrolyase <b>Chain:</b> B: <b>PDB Molecule:</b> jamm1; <b>PDBTitle:</b> structure of deubiquitinating enzyme homolog, pyrococcus furiosus2 jamm1.
48	<a href="#">c5ld9B</a>	Alignment	not modelled	9.8	19	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein duf1285; <b>PDBTitle:</b> crystal structure of a duf1285 family protein (sbal_2486) from shewanella baltica os155 at 1.40 a resolution
49	<a href="#">c2ra9A</a>	Alignment	not modelled	9.8	25	<b>PDB header:</b> antitoxin/hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> shicb; <b>PDBTitle:</b> toxin-antitoxin complex from streptococcus pneumoniae
50	<a href="#">c5yrzC</a>	Alignment	not modelled	9.8	19	<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
51	<a href="#">c1zq1B</a>	Alignment	not modelled	9.7	15	<b>Fold:</b> MTH1598-like <b>Superfamily:</b> MTH1598-like <b>Family:</b> MTH1598-like
52	<a href="#">d1jw3a</a>	Alignment	not modelled	9.4	32	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> (r)-phenoxypropionate/alpha-ketoglutarate-dioxygenase; <b>PDBTitle:</b> ft_5 dioxygenase apoenzyme
53	<a href="#">c6d1oD</a>	Alignment	not modelled	9.3	19	<b>Fold:</b> SH2-like

54	<a href="#">d2c9wa2</a>	Alignment	not modelled	9.1	18	<b>Superfamily:</b> SH2 domain <b>Family:</b> SH2 domain
55	<a href="#">d1m1ha2</a>	Alignment	not modelled	9.0	30	<b>Fold:</b> ferredoxin-like <b>Superfamily:</b> N-utilization substance G protein NusG, N-terminal domain <b>Family:</b> N-utilization substance G protein NusG, N-terminal domain <b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> structural maintenance of chromosomes protein 3; <b>PDBTitle:</b> cohesin smc3-hd:scc1-n complex from yeast
56	<a href="#">c4ux3A</a>	Alignment	not modelled	9.0	3	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> antitoxin hibc3; <b>PDBTitle:</b> antitoxin hibc3 crystal structure
57	<a href="#">c4p7dA</a>	Alignment	not modelled	9.0	22	<b>PDB header:</b> chaperone/protein transport <b>Chain:</b> B: <b>PDB Molecule:</b> csua/b; <b>PDBTitle:</b> crystal structure of csuc-csua/b chaperone-major subunit pre-assembly2 complex from csu biofilm-mediating pili of acinetobacter baumannii
58	<a href="#">c5d6hB</a>	Alignment	not modelled	8.9	42	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> transcription factor etv6; <b>PDBTitle:</b> solution structure of ets domain transcriptional factor2 etv6 protein
59	<a href="#">c2da0A</a>	Alignment	not modelled	8.8	13	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> pectocin m2; <b>PDBTitle:</b> crystal structure of pectocin m2 at 1.86 angstroms
60	<a href="#">c4n58A</a>	Alignment	not modelled	8.6	26	<b>PDB header:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ets domain
61	<a href="#">d1flia</a>	Alignment	not modelled	8.5	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> coproporphyrinogen iii oxidase, mitochondrial; <b>PDBTitle:</b> the 1.58a crystal structure of human coproporphyrinogen oxidase2 reveals the structural basis of hereditary coproporphyria
62	<a href="#">c2aexA</a>	Alignment	not modelled	8.4	24	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ets domain
63	<a href="#">d1awca</a>	Alignment	not modelled	8.4	17	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> fact complex subunit spt16; <b>PDBTitle:</b> crystal structure of human spt16 n-terminal domain
64	<a href="#">c5e5bA</a>	Alignment	not modelled	8.2	6	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase i subunit rpa4; <b>PDBTitle:</b> crystal structure of the rna polymerase i subcomplex a14/43
65	<a href="#">c2rf4B</a>	Alignment	not modelled	8.2	20	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ets domain
66	<a href="#">d1puee</a>	Alignment	not modelled	8.1	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> Thioredoxin-like 2Fe-2S ferredoxin
67	<a href="#">d1f37b</a>	Alignment	not modelled	8.1	29	<b>PDB header:</b> viral protein <b>Chain:</b> F: <b>PDB Molecule:</b> ci; <b>PDBTitle:</b> dimerization domain of tp901-1 ci repressor
68	<a href="#">c5c3qB</a>	Alignment	not modelled	8.1	8	<b>PDB header:</b> viral protein <b>Chain:</b> B: <b>PDB Molecule:</b> thymine dioxygenase; <b>PDBTitle:</b> crystal structure of the full-length neurospora crassa t7h in complex2 with alpha-kg and thymine (t)
69	<a href="#">c3ooxA</a>	Alignment	not modelled	8.0	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative 2og-fe(ii) oxygenase family protein; <b>PDBTitle:</b> crystal structure of a putative 2og-fe(ii) oxygenase family protein2 (cc_0200) from caulobacter crescentus at 1.44 a resolution
70	<a href="#">c4g76A</a>	Alignment	not modelled	8.0	31	<b>PDB header:</b> hydrolyase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphodiesterase; <b>PDBTitle:</b> structure of paem, a colicin m-like bacteriocin produced by2 pseudomonas aeruginosa
71	<a href="#">c6fxaF</a>	Alignment	not modelled	7.9	25	<b>PDB header:</b> viral protein <b>Chain:</b> F: <b>PDB Molecule:</b> ci; <b>PDBTitle:</b> dimerization domain of tp901-1 ci repressor
72	<a href="#">c6fxaA</a>	Alignment	not modelled	7.9	25	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> ci; <b>PDBTitle:</b> dimerization domain of tp901-1 ci repressor
73	<a href="#">c6fxaB</a>	Alignment	not modelled	7.9	25	<b>PDB header:</b> viral protein <b>Chain:</b> B: <b>PDB Molecule:</b> ci; <b>PDBTitle:</b> dimerization domain of tp901-1 ci repressor
74	<a href="#">d1k78b</a>	Alignment	not modelled	7.9	21	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ets domain
75	<a href="#">c3jtgA</a>	Alignment	not modelled	7.9	21	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> ets-related transcription factor elf3; <b>PDBTitle:</b> crystal structure of mouse elf3 c-terminal dna-binding domain in2 complex with type ii tgf-beta receptor promoter dna
76	<a href="#">c5lunC</a>	Alignment	not modelled	7.9	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> 2-oxoglutarate-dependent ethylene/succinate-forming enzyme; <b>PDBTitle:</b> ethylene forming enzyme from pseudomonas syringae pv. phaseolicola -2 p1 ultra-high resolution crystal form in complex with iron, n-3 oxalylglycine and arginine
77	<a href="#">d1duxc</a>	Alignment	not modelled	7.9	17	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ets domain
78	<a href="#">c3zqjF</a>	Alignment	not modelled	7.9	13	<b>PDB header:</b> transcription <b>Chain:</b> F: <b>PDB Molecule:</b> uvrabc system protein a; <b>PDBTitle:</b> mycobacterium tuberculosis uvrabc
79	<a href="#">c4avpD</a>	Alignment	not modelled	7.9	21	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> ets translocation variant 1;

79	<a href="#">c4avvpD</a>	Alignment	not modelled	7.8	21	<b>PDBTitle:</b> crystal structure of the dna-binding domain of human etv1.  <b>PDB header:</b> dna binding protein, cell cycle <b>Chain:</b> B: <b>PDB Molecule:</b> chromosome partition protein smc; <b>PDBTitle:</b> crystal structure of an engaged dimer of the geobacillus2 stearothermophilus smc head domain
80	<a href="#">c5h68B</a>	Alignment	not modelled	7.8	8	<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
81	<a href="#">d1umdb2</a>	Alignment	not modelled	7.8	20	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ets domain
82	<a href="#">d2stta</a>	Alignment	not modelled	7.7	21	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> c-ets-1 protein; <b>PDBTitle:</b> crystal structure of the ets1 dimer dna complex.
83	<a href="#">c2nnyaA</a>	Alignment	not modelled	7.7	21	<b>PDB header:</b> cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> chromosome partition protein smc; <b>PDBTitle:</b> crystal structure of the kleisin-n smc interface in2 prokaryotic condensin
84	<a href="#">c3zgxA</a>	Alignment	not modelled	7.4	8	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase 1; <b>PDBTitle:</b> the unique structure of wild type carbonic anhydrase alpha-cal2 from chlamydomonas reinhardtii
85	<a href="#">c3b1ba</a>	Alignment	not modelled	7.4	20	<b>PDB header:</b> viral protein <b>Chain:</b> C: <b>PDB Molecule:</b> ci; <b>PDBTitle:</b> dimerization domain of tp901-1 ci repressor
86	<a href="#">c6fxaC</a>	Alignment	not modelled	7.4	25	<b>PDB header:</b> viral protein <b>Chain:</b> E: <b>PDB Molecule:</b> ci; <b>PDBTitle:</b> dimerization domain of tp901-1 ci repressor
87	<a href="#">c6fxaE</a>	Alignment	not modelled	7.4	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> dipeptidase pepe; <b>PDBTitle:</b> crystal structure of dipeptidase pepe from mycobacterium ulcerans
88	<a href="#">c4egeA</a>	Alignment	not modelled	7.3	27	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ets domain
89	<a href="#">d1gvja</a>	Alignment	not modelled	7.2	21	<b>Fold:</b> Nucleotidyltransferase <b>Superfamily:</b> Nucleotidyltransferase <b>Family:</b> lojap/YbeB-like
90	<a href="#">d2id1a1</a>	Alignment	not modelled	7.2	23	<b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> a non-biological atp binding protein with two mutations <b>PDBTitle:</b> structural insights into the evolution of a non-biological protein
91	<a href="#">c2p09A</a>	Alignment	not modelled	7.2	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> quinolinate synthase a; <b>PDBTitle:</b> structure of the fe4s4 quinolinate synthase nada from thermotoga2 maritima
92	<a href="#">c4p3xA</a>	Alignment	not modelled	7.2	4	<b>Fold:</b> Spectrin repeat-like <b>Superfamily:</b> Glycogen synthesis protein GlgS <b>Family:</b> Glycogen synthesis protein GlgS
93	<a href="#">d1rrza</a>	Alignment	not modelled	7.2	22	<b>PDB header:</b> structural genomics,biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> glycogen synthesis protein glgs; <b>PDBTitle:</b> solution structure of glgs protein from e. coli
95	<a href="#">d1bc8c</a>	Alignment	not modelled	7.0	17	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ets domain
96	<a href="#">c1olsB</a>	Alignment	not modelled	7.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 2-oxoisovalerate dehydrogenase beta subunit; <b>PDBTitle:</b> roles of his291-alpha and his146-beta' in the reductive acylation2 reaction catalyzed by human branched-chain alpha-ketoacid3 dehydrogenase
97	<a href="#">c3zqjC</a>	Alignment	not modelled	7.0	13	<b>PDB header:</b> dna binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> uvrabc system protein a; <b>PDBTitle:</b> mycobacterium tuberculosis uvrabc
98	<a href="#">d1otja</a>	Alignment	not modelled	6.8	5	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavaminate synthase-like <b>Family:</b> TauD/TfdA-like
99	<a href="#">c1w7vD</a>	Alignment	not modelled	6.7	25	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> xaa-pro aminopeptidase; <b>PDBTitle:</b> znmg substituted aminopeptidase p from e. coli