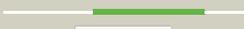
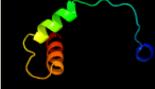
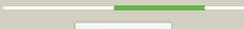
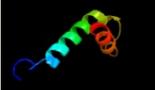
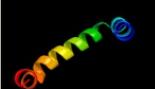
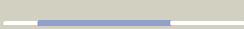


# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0741 (- )_832537_832851
Date	Fri Jul 26 01:50:31 BST 2019
Unique Job ID	885fac8db5890d74

Detailed template  
information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c1k6yB_</a>	 Alignment		57.4	14	<b>PDB header:</b> transferase <b>Chain:</b> B; <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> crystal structure of a two-domain fragment of hiv-1 integrase
2	<a href="#">d1hyva_</a>	 Alignment		55.1	18	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Ribonuclease H-like <b>Family:</b> Retroviral integrase, catalytic domain
3	<a href="#">c3f9kV_</a>	 Alignment		53.1	15	<b>PDB header:</b> viral protein, recombination <b>Chain:</b> V; <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> two domain fragment of hiv-2 integrase in complex with ledgf ibd
4	<a href="#">c4mq3A_</a>	 Alignment		30.8	19	<b>PDB header:</b> viral protein <b>Chain:</b> A; <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> the 1.1 angstrom structure of catalytic core domain of fiv integrase
5	<a href="#">c2h5gA_</a>	 Alignment		30.3	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> delta 1-pyrroline-5-carboxylate synthetase; <b>PDBTitle:</b> crystal structure of human pyrroline-5-carboxylate synthetase
6	<a href="#">c1ex4A_</a>	 Alignment		29.9	23	<b>PDB header:</b> viral protein <b>Chain:</b> A; <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> hiv-1 integrase catalytic core and c-terminal domain
7	<a href="#">c2dmnA_</a>	 Alignment		27.8	17	<b>PDB header:</b> transcription <b>Chain:</b> A; <b>PDB Molecule:</b> homeobox protein tgif2lx; <b>PDBTitle:</b> the solution structure of the homeobox domain of human2 homeobox protein tgif2lx
8	<a href="#">d1o20a_</a>	 Alignment		27.8	14	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
9	<a href="#">c3nf9A_</a>	 Alignment		27.4	18	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A; <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> structural basis for a new mechanism of inhibition of hiv integrase2 identified by fragment screening and structure based design
10	<a href="#">c3k9dD_</a>	 Alignment		26.7	9	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D; <b>PDB Molecule:</b> aldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of probable aldehyde dehydrogenase from listeria2 monocytogenes egd-e
11	<a href="#">d1e3oc1</a>	 Alignment		25.7	9	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain

12	<a href="#">c1vluB</a>	Alignment		25.6	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> gamma-glutamyl phosphate reductase; <b>PDBTitle:</b> crystal structure of gamma-glutamyl phosphate reductase (yor323c) from2 saccharomyces cerevisiae at 2.40 a resolution
13	<a href="#">c5kw2A</a>	Alignment		25.6	12	<b>PDB header:</b> fatty acid binding protein/hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> free fatty acid receptor 1,lysozyme,free fatty acid <b>PDBTitle:</b> the extra-helical binding site of gpr40 and the structural basis for2 allosteric agonism and incretin stimulation
14	<a href="#">d1akha</a>	Alignment		25.2	7	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
15	<a href="#">c2dmpA</a>	Alignment		24.9	15	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> zinc fingers and homeoboxes protein 2; <b>PDBTitle:</b> solution structure of the third homeobox domain of zinc2 fingers and homeoboxes protein 2
16	<a href="#">c5cz1B</a>	Alignment		24.5	14	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> crystal structure of the catalytic core domain of mmtv integrase
17	<a href="#">c4jbeA</a>	Alignment		24.5	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> gamma-glutamyl phosphate reductase; <b>PDBTitle:</b> 1.95 angstrom crystal structure of gamma-glutamyl phosphate reductase2 from saccharomonospora viridis.
18	<a href="#">c5j78B</a>	Alignment		24.2	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> acetaldehyde dehydrogenase (acetylating); <b>PDBTitle:</b> crystal structure of an acetylating aldehyde dehydrogenase from2 geobacillus thermoglucosidasius
19	<a href="#">d1dl5a2</a>	Alignment		24.1	31	<b>Fold:</b> Protein-L-isoaspartyl O-methyltransferase, C-terminal domain <b>Superfamily:</b> Protein-L-isoaspartyl O-methyltransferase, C-terminal domain <b>Family:</b> Protein-L-isoaspartyl O-methyltransferase, C-terminal domain
20	<a href="#">d1hlva2</a>	Alignment		22.8	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Centromere-binding
21	<a href="#">c2da1A</a>	Alignment	not modelled	22.7	9	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-fetoprotein enhancer binding protein; <b>PDBTitle:</b> solution structure of the first homeobox domain of at-2 binding transcription factor 1 (atbf1)
22	<a href="#">d1o4xa1</a>	Alignment	not modelled	21.6	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
23	<a href="#">c5ifgC</a>	Alignment	not modelled	21.4	11	<b>PDB header:</b> hydrolase/antitoxin <b>Chain:</b> C: <b>PDB Molecule:</b> mrna interferase higb; <b>PDBTitle:</b> crystal structure of higa-higb complex from e. coli
24	<a href="#">d1vlua</a>	Alignment	not modelled	20.4	12	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
25	<a href="#">c4qgkB</a>	Alignment	not modelled	20.0	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> fatty aldehyde dehydrogenase; <b>PDBTitle:</b> structure of the human sjogren larsson syndrome enzyme fatty aldehyde2 dehydrogenase (faldh)
26	<a href="#">c2dmqA</a>	Alignment	not modelled	19.9	5	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> lim/homeobox protein lhx9; <b>PDBTitle:</b> solution structure of the homeobox domain of lim/homeobox2 protein lhx9
27	<a href="#">c2dn0A</a>	Alignment	not modelled	19.3	9	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> zinc fingers and homeoboxes protein 3; <b>PDBTitle:</b> solution structure of the second homeobox domain of human2 zinc fingers and homeoboxes protein 3
28	<a href="#">c3nauA</a>	Alignment	not modelled	19.1	13	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> zinc fingers and homeoboxes protein 2; <b>PDBTitle:</b> crystal structure of zhx2 hd2 (zinc-fingers and homeoboxes protein 2,2 homeodomain 2)
						<b>Fold:</b> DNA/RNA-binding 3-helical bundle

29	<a href="#">d1gt0c1</a>	Alignment	not modelled	17.8	9	<b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
30	<a href="#">d1asua</a>	Alignment	not modelled	17.8	18	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Ribonuclease H-like <b>Family:</b> Retroviral integrase, catalytic domain
31	<a href="#">c5m0rF</a>	Alignment	not modelled	17.2	18	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> cryo-em reconstruction of the maedi-visna virus (mvv) strand transfer2 complex
32	<a href="#">c2da7A</a>	Alignment	not modelled	17.1	2	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> zinc finger homeobox protein 1b; <b>PDBTitle:</b> solution structure of the homeobox domain of zinc finger2 homeobox protein 1b (smad interacting protein 1)
33	<a href="#">c4kkkA</a>	Alignment	not modelled	16.4	38	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> exoglucanase s; <b>PDBTitle:</b> complex structure of catalytic domain of clostridium cellulovorans2 exgs and cellotetraose
34	<a href="#">c2dmtA</a>	Alignment	not modelled	16.3	12	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> homeobox protein barh-like 1; <b>PDBTitle:</b> solution structure of the homeobox domain of homeobox2 protein barh-like 1
35	<a href="#">d1cxqa</a>	Alignment	not modelled	15.7	20	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Ribonuclease H-like <b>Family:</b> Retroviral integrase, catalytic domain
36	<a href="#">d1au7a1</a>	Alignment	not modelled	15.7	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
37	<a href="#">c4ghkB</a>	Alignment	not modelled	15.7	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> gamma-glutamyl phosphate reductase; <b>PDBTitle:</b> x-ray crystal structure of gamma-glutamyl phosphate reductase from2 burkholderia thailandensis
38	<a href="#">d2ecba1</a>	Alignment	not modelled	15.1	19	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
39	<a href="#">c5u1cA</a>	Alignment	not modelled	15.1	16	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> hiv-1 integrase, sso7d chimera; <b>PDBTitle:</b> structure of tetrameric hiv-1 strand transfer complex intasome
40	<a href="#">c2da2A</a>	Alignment	not modelled	14.6	9	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-fetoprotein enhancer binding protein; <b>PDBTitle:</b> solution structure of the second homeobox domain of at-2 binding transcription factor 1 (atbf1)
41	<a href="#">c2da5A</a>	Alignment	not modelled	14.4	15	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> zinc fingers and homeoboxes protein 3; <b>PDBTitle:</b> solution structure of the second homeobox domain of zinc2 fingers and homeoboxes protein 3 (triple homeobox 13 protein)
42	<a href="#">c4fusA</a>	Alignment	not modelled	14.3	31	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> rtx toxins and related ca2+-binding protein; <b>PDBTitle:</b> the x-ray structure of hahella chejuensis family 48 glycosyl hydrolase
43	<a href="#">d2ecca1</a>	Alignment	not modelled	14.3	14	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
44	<a href="#">d1ad3a</a>	Alignment	not modelled	14.2	20	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
45	<a href="#">c2dmuA</a>	Alignment	not modelled	14.1	11	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> homeobox protein gooseoid; <b>PDBTitle:</b> solution structure of the homeobox domain of homeobox2 protein gooseoid
46	<a href="#">c4plaA</a>	Alignment	not modelled	14.1	10	<b>PDB header:</b> transferase,hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> chimera protein of phosphatidylinositol 4-kinase type 2- <b>PDBTitle:</b> crystal structure of phosphatidyl inositol 4-kinase ii alpha in2 complex with atp
47	<a href="#">c2da3A</a>	Alignment	not modelled	14.0	7	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-fetoprotein enhancer binding protein; <b>PDBTitle:</b> solution structure of the third homeobox domain of at-2 binding transcription factor 1 (atbf1)
48	<a href="#">d1p7ia</a>	Alignment	not modelled	13.5	14	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
49	<a href="#">c3my7A</a>	Alignment	not modelled	13.1	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> alcohol dehydrogenase/acetalddehyde dehydrogenase; <b>PDBTitle:</b> the crystal structure of the acdh domain of an alcohol dehydrogenase2 from vibrio parahaemolyticus to 2.25a
50	<a href="#">d1le8a</a>	Alignment	not modelled	12.9	7	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
51	<a href="#">d1ez0a</a>	Alignment	not modelled	12.5	10	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
52	<a href="#">c3jcaE</a>	Alignment	not modelled	12.3	26	<b>PDB header:</b> viral protein <b>Chain:</b> E: <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> core model of the mouse mammary tumor virus intasome
53	<a href="#">c5z2tC</a>	Alignment	not modelled	12.1	18	<b>PDB header:</b> dna binding protein/dna <b>Chain:</b> C: <b>PDB Molecule:</b> double homeobox protein 4; <b>PDBTitle:</b> crystal structure of dna-bound dux4-hd2
						<b>PDB header:</b> hydrolase

54	<a href="#">c4jiiA_</a>	Alignment	not modelled	12.0	31	<b>Chain:</b> A: <b>PDB Molecule:</b> cellulose 1,4-beta-cellobiosidase; <b>PDBTitle:</b> the structure of t. fusca gh48 d224n mutant
55	<a href="#">d1exqa_</a>	Alignment	not modelled	12.0	12	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Ribonuclease H-like <b>Family:</b> Retroviral integrase, catalytic domain
56	<a href="#">d1octc1_</a>	Alignment	not modelled	11.9	9	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
57	<a href="#">c5nnoA_</a>	Alignment	not modelled	11.8	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldehyde dehydrogenase; <b>PDBTitle:</b> structure of tbalhd3 complexed with nad and an3057 aldehyde
58	<a href="#">c4txyA_</a>	Alignment	not modelled	11.7	7	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> cyclic amp-gmp synthase; <b>PDBTitle:</b> crystal structure of vibrio cholerae dncv cyclic amp-gmp synthase, a2 prokaryotic cgas homolog
59	<a href="#">c1l2aD_</a>	Alignment	not modelled	11.6	19	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> cellobiohydrolase; <b>PDBTitle:</b> the crystal structure and catalytic mechanism of2 cellobiohydrolase cels, the major enzymatic component of3 the clostridium thermocellum cellulosome
60	<a href="#">d1l1ya_</a>	Alignment	not modelled	11.6	19	<b>Fold:</b> alpha/alpha toroid <b>Superfamily:</b> Six-hairpin glycosidases <b>Family:</b> Cellulases catalytic domain
61	<a href="#">c3narA_</a>	Alignment	not modelled	11.5	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> zinc fingers and homeoboxes protein 1; <b>PDBTitle:</b> crystal structure of zhx1 hd4 (zinc-fingers and homeoboxes protein 1,2 homeodomain 4)
62	<a href="#">d2hddb_</a>	Alignment	not modelled	11.5	14	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
63	<a href="#">d1g9ga_</a>	Alignment	not modelled	11.5	31	<b>Fold:</b> alpha/alpha toroid <b>Superfamily:</b> Six-hairpin glycosidases <b>Family:</b> Cellulases catalytic domain
64	<a href="#">c2wwbB_</a>	Alignment	not modelled	11.5	19	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> protein transport protein sec61 subunit gamma; <b>PDBTitle:</b> cryo-em structure of the mammalian sec61 complex bound to the actively2 translating wheat germ 80s ribosome
65	<a href="#">c2mg4B_</a>	Alignment	not modelled	11.5	23	<b>PDB header:</b> de novo protein <b>Chain:</b> B: <b>PDB Molecule:</b> computational designed homodimer; <b>PDBTitle:</b> computational design and experimental verification of a symmetric2 protein homodimer
66	<a href="#">c4el8A_</a>	Alignment	not modelled	11.4	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> glycoside hydrolase family 48; <b>PDBTitle:</b> the unliganded structure of c.bescii cela gh48 module
67	<a href="#">c3pqaA_</a>	Alignment	not modelled	11.3	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> lactaldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of glyceraldehyde-3-phosphate dehydrogenase gapn2 from methanocaldococcus jannaschii dsm 2661
68	<a href="#">c5hodD_</a>	Alignment	not modelled	11.3	7	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> lim/homeobox protein lhx4; <b>PDBTitle:</b> structure of lhx4 transcription factor complexed with dna
69	<a href="#">c3dntB_</a>	Alignment	not modelled	11.1	14	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> protein hipa; <b>PDBTitle:</b> structures of mdt proteins
70	<a href="#">c2ly9A_</a>	Alignment	not modelled	10.9	9	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> zinc fingers and homeoboxes protein 1; <b>PDBTitle:</b> solution nmr structure of homeobox 2 domain from human zhx1 repressor,2 northeast structural genomics consortium (nesg) target hr7907f
71	<a href="#">c4itaA_</a>	Alignment	not modelled	10.9	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> succinate-semialdehyde dehydrogenase; <b>PDBTitle:</b> structure of bacterial enzyme in complex with cofactor
72	<a href="#">c2dmsA_</a>	Alignment	not modelled	10.8	14	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> homeobox protein otx2; <b>PDBTitle:</b> solution structure of the homeobox domain of homeobox2 protein otx2
73	<a href="#">c2zqeA_</a>	Alignment	not modelled	10.7	18	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> smuts2 protein; <b>PDBTitle:</b> crystal structure of the smr domain of thermus thermophilus muts2
74	<a href="#">c1hf0A_</a>	Alignment	not modelled	10.6	9	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> octamer-binding transcription factor 1; <b>PDBTitle:</b> crystal structure of the dna-binding domain of oct-1 bound to dna as a2 dimer
75	<a href="#">c2hjmB_</a>	Alignment	not modelled	10.1	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> hypothetical protein pf1176; <b>PDBTitle:</b> crystal structure of a singleton protein pf1176 from p. furiosus
76	<a href="#">c4ochA_</a>	Alignment	not modelled	9.9	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endonuclease muts2; <b>PDBTitle:</b> apo structure of smr domain of muts2 from deinococcus radiodurans
77	<a href="#">c3qanB_</a>	Alignment	not modelled	9.7	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 1-pyrroline-5-carboxylate dehydrogenase 1; <b>PDBTitle:</b> crystal structure of 1-pyrroline-5-carboxylate dehydrogenase from2 bacillus halodurans
78	<a href="#">d1yrnb_</a>	Alignment	not modelled	9.5	14	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
79	<a href="#">d3d19a2_</a>	Alignment	not modelled	9.4	3	<b>Fold:</b> Bromodomain-like <b>Superfamily:</b> Bacillus cereus metalloprotein-like

						<b>Family:</b> Bacillus cereus metalloprotein-like
80	<a href="#">c2e19A_</a>	Alignment	not modelled	9.4	5	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcription factor 8; <b>PDBTitle:</b> solution structure of the homeobox domain from human nil-2-2 a zinc finger protein, transcription factor 8
81	<a href="#">c3lnsD_</a>	Alignment	not modelled	9.2	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> benzaldehyde dehydrogenase; <b>PDBTitle:</b> benzaldehyde dehydrogenase, a class 3 aldehyde dehydrogenase, with2 bound nadp+ and benzoate adduct
82	<a href="#">d1f43a_</a>	Alignment	not modelled	9.2	7	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
83	<a href="#">c1c0mA_</a>	Alignment	not modelled	9.0	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> protein (integrase); <b>PDBTitle:</b> crystal structure of rsv two-domain integrase
84	<a href="#">c1ezeA_</a>	Alignment	not modelled	9.0	4	<b>PDB header:</b> transferase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> cholesteryl ester transferase inhibitor protein; <b>PDBTitle:</b> structural studies of a baboon (papio sp.) plasma protein2 inhibitor of cholesteryl ester transferase.
85	<a href="#">c4xesA_</a>	Alignment	not modelled	8.9	12	<b>PDB header:</b> signaling protein, hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> neurotensin receptor type 1, endolysin chimera; <b>PDBTitle:</b> structure of active-like neurotensin receptor
86	<a href="#">c3efvC_</a>	Alignment	not modelled	8.9	5	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> putative succinate-semialdehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of a putative succinate-semialdehyde dehydrogenase2 from salmonella typhimurium lt2 with bound nad
87	<a href="#">d1ocpa_</a>	Alignment	not modelled	8.8	5	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
88	<a href="#">c4c3sA_</a>	Alignment	not modelled	8.8	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldehyde dehydrogenase; <b>PDBTitle:</b> structure of a propionaldehyde dehydrogenase from the clostridium2 phytofermentans fucose utilisation bacterial microcompartment
89	<a href="#">d1lvaa4</a>	Alignment	not modelled	8.8	10	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> C-terminal fragment of elongation factor SelB
90	<a href="#">d1wnda_</a>	Alignment	not modelled	8.8	16	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
91	<a href="#">c2jg7G_</a>	Alignment	not modelled	8.6	7	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> antiquitin; <b>PDBTitle:</b> crystal structure of seabream antiquitin and elucidation of2 its substrate specificity
92	<a href="#">c2pjpA_</a>	Alignment	not modelled	8.6	12	<b>PDB header:</b> translation/rna <b>Chain:</b> A: <b>PDB Molecule:</b> selenocysteine-specific elongation factor; <b>PDBTitle:</b> structure of the mrna-binding domain of elongation factor2 selb from e.coli in complex with secis rna
93	<a href="#">c2d4eB_</a>	Alignment	not modelled	8.6	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 5-carboxymethyl-2-hydroxyuconate semialdehyde <b>PDBTitle:</b> crystal structure of the hpcc from thermus thermophilus hb8
94	<a href="#">c1t90B_</a>	Alignment	not modelled	8.5	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> probable methylmalonate-semialdehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of methylmalonate semialdehyde dehydrogenase from2 bacillus subtilis
95	<a href="#">c4ohtB_</a>	Alignment	not modelled	8.5	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> succinate-semialdehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of succinic semialdehyde dehydrogenase from2 streptococcus pyogenes in complex with nadp+ as the cofactor
96	<a href="#">d1a4sa_</a>	Alignment	not modelled	8.4	25	<b>Fold:</b> ALDH-like <b>Superfamily:</b> ALDH-like <b>Family:</b> ALDH-like
97	<a href="#">c3kksB_</a>	Alignment	not modelled	8.2	14	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> crystal structure of catalytic core domain of biv integrase in crystal2 form ii
98	<a href="#">c4dalB_</a>	Alignment	not modelled	8.2	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> putative aldehyde dehydrogenase; <b>PDBTitle:</b> crystal structure of putative aldehyde dehydrogenase from2 sinorhizobium meliloti 1021
99	<a href="#">c5zbqA_</a>	Alignment	not modelled	8.2	12	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> neuropeptide y receptor type 1,t4 lysozyme; <b>PDBTitle:</b> the crystal structure of human neuropeptide y y1 receptor with ur-2 mk299