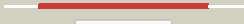




















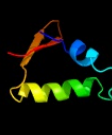



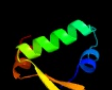




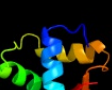


# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0674 (- )_774067_774789
Date	Fri Jul 26 01:50:24 BST 2019
Unique Job ID	97cd3c687ffcd1f2

Detailed template  
information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3kfwX_</a>	 Alignment		100.0	94	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> X: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> uncharacterized protein rv0674 from mycobacterium tuberculosis
2	<a href="#">c3I09B_</a>	 Alignment		100.0	15	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> crystal structure of putative transcriptional regulator2 (jann_22dec04_contig27_revised_gene3569) from jannaschia sp. ccs1 at3 2.81 a resolution
3	<a href="#">d1p6ra_</a>	 Alignment		96.6	15	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Penicillinase repressor
4	<a href="#">c6j0eB_</a>	 Alignment		96.5	24	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> arsenic responsive repressor arsr; <b>PDBTitle:</b> structures of two arsr as(iii)-responsive repressors: implications for2 the mechanism of derepression
5	<a href="#">d1sd4a_</a>	 Alignment		96.3	14	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Penicillinase repressor
6	<a href="#">c4esfA_</a>	 Alignment		96.2	19	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> padr-like transcriptional regulator; <b>PDBTitle:</b> crystal structure of padr-like transcriptional regulator (bce3449)2 from bacillus cereus strain atcc 10987
7	<a href="#">c3ri2B_</a>	 Alignment		96.1	29	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, padr-like family; <b>PDBTitle:</b> crystal structure of padr family transcriptional regulator from2 eggerthella lenta dsm 2243
8	<a href="#">c3f8fA_</a>	 Alignment		95.9	19	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, padr-like family; <b>PDBTitle:</b> crystal structure of multidrug binding transcriptional regulator lmrr2 complexed with daunomycin
9	<a href="#">c2it0A_</a>	 Alignment		95.8	16	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> iron-dependent repressor ider; <b>PDBTitle:</b> crystal structure of a two-domain ider-dna complex crystal2 form ii
10	<a href="#">d1ub9a_</a>	 Alignment		95.5	10	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
11	<a href="#">c2k4bA_</a>	 Alignment		95.4	20	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> copr repressor structure

12	<a href="#">d1okra_</a>	Alignment		95.2	22	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Penicillinase repressor
13	<a href="#">c1f5tA_</a>	Alignment		95.2	11	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> diphtheria toxin repressor; <b>PDBTitle:</b> diphtheria tox repressor (c102d mutant) complexed with2 nickel and dtxr consensus binding sequence
14	<a href="#">d1xmaa_</a>	Alignment		95.1	22	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> PadR-like
15	<a href="#">c1xmaA_</a>	Alignment		95.1	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> predicted transcriptional regulator; <b>PDBTitle:</b> structure of a transcriptional regulator from clostridium thermocellum2 cth-833
16	<a href="#">c3f6vA_</a>	Alignment		95.1	24	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> possible transcriptional regulator, arsr family protein; <b>PDBTitle:</b> crystal structure of possible transcriptional regulator for arsenical2 resistance
17	<a href="#">c5zhcA_</a>	Alignment		95.0	27	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of the padr-family transcriptional regulator rv34882 of mycobacterium tuberculosis h37rv
18	<a href="#">c3l7wA_</a>	Alignment		95.0	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein smu.1704; <b>PDBTitle:</b> the crystal structure of smu.1704 from streptococcus mutans ua159
19	<a href="#">c2oqgA_</a>	Alignment		95.0	12	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> possible transcriptional regulator, arsr family protein; <b>PDBTitle:</b> arsr-like transcriptional regulator from rhodococcus sp. rha1
20	<a href="#">d2g9wa1</a>	Alignment		94.8	12	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Penicillinase repressor
21	<a href="#">c3zmdD_</a>	Alignment	not modelled	94.8	18	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> crystal structure of absc, a marr family transcriptional2 regulator from streptomyces coelicolor
22	<a href="#">c2h09A_</a>	Alignment	not modelled	94.8	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator mntr; <b>PDBTitle:</b> crystal structure of diphtheria toxin repressor like protein2 from e. coli
23	<a href="#">c3hhaA_</a>	Alignment	not modelled	94.7	19	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, padr family; <b>PDBTitle:</b> crystal structure of transcriptional regulator, a member of padr2 family, from enterococcus faecalis v583
24	<a href="#">d2fbha1</a>	Alignment	not modelled	94.7	19	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
25	<a href="#">c1g3wA_</a>	Alignment	not modelled	94.7	11	<b>PDB header:</b> gene regulation <b>Chain:</b> A: <b>PDB Molecule:</b> diphtheria toxin repressor; <b>PDBTitle:</b> cd-cys102ser dtxr
26	<a href="#">d3ctaa1</a>	Alignment	not modelled	94.7	10	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
27	<a href="#">c3l9fD_</a>	Alignment	not modelled	94.7	12	<b>PDB header:</b> transcription regulator <b>Chain:</b> D: <b>PDB Molecule:</b> putative uncharacterized protein smu.1604c; <b>PDBTitle:</b> the crystal structure of smu.1604c from streptococcus mutans ua159
28	<a href="#">c3hruA_</a>	Alignment	not modelled	94.7	12	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> metalloregulator scar; <b>PDBTitle:</b> crystal structure of scar with bound zn2+

29	<a href="#">c3zplE</a>	Alignment	not modelled	94.6	20	<b>PDB header:</b> transcription/dna <b>Chain:</b> E: <b>PDB Molecule:</b> putative marr-family transcriptional repressor; <b>PDBTitle:</b> crystal structure of sco3205, a marr family transcriptional regulator2 from streptomyces coelicolor, in complex with dna
30	<a href="#">c2hs5A</a>	Alignment	not modelled	94.6	13	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator gntr; <b>PDBTitle:</b> structural genomics, the crystal structure of a putative2 transcriptional regulator gntr from rhodococcus sp. rha1
31	<a href="#">c4p9fA</a>	Alignment	not modelled	94.6	24	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional regulator mcbr; <b>PDBTitle:</b> e. coli mcbr/yncc
32	<a href="#">c4esbA</a>	Alignment	not modelled	94.5	19	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, padr family; <b>PDBTitle:</b> crystal structure of padr-like transcriptional regulator (bc4206) from2 bacillus cereus strain atcc 14579
33	<a href="#">c2x4hA</a>	Alignment	not modelled	94.5	10	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein sso2273; <b>PDBTitle:</b> crystal structure of the hypothetical protein sso2273 from2 sulfobolus solfataricus
34	<a href="#">c3ctaA</a>	Alignment	not modelled	94.4	9	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> riboflavin kinase; <b>PDBTitle:</b> crystal structure of riboflavin kinase from thermoplasma acidophilum
35	<a href="#">c4o6jA</a>	Alignment	not modelled	94.3	16	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> iron-dependent transcription repressor related protein; <b>PDBTitle:</b> crystal structure of t. acidophilum iber
36	<a href="#">c6ep3B</a>	Alignment	not modelled	94.1	22	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> lmo0651 protein; <b>PDBTitle:</b> lar controls the expression of the listeria monocytogenes agr system2 and mediates virulence.
37	<a href="#">c1e2xA</a>	Alignment	not modelled	94.1	31	<b>PDB header:</b> transcriptional regulation <b>Chain:</b> A: <b>PDB Molecule:</b> fatty acid metabolism regulator protein; <b>PDBTitle:</b> fadr, fatty acid responsive transcription factor from e.2 coli
38	<a href="#">c6faqA</a>	Alignment	not modelled	94.0	11	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna binding protein; <b>PDBTitle:</b> structure of h. salinarum rosr (vng0258) grown from kbr
39	<a href="#">c3fmsA</a>	Alignment	not modelled	94.0	25	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, gntr family; <b>PDBTitle:</b> crystal structure of tm0439, a gntr transcriptional regulator
40	<a href="#">c3e6mD</a>	Alignment	not modelled	94.0	17	<b>PDB header:</b> transcription regulator <b>Chain:</b> D: <b>PDB Molecule:</b> marr family transcriptional regulator; <b>PDBTitle:</b> the crystal structure of a marr family transcriptional2 regulator from silicibacter pomeroyi dss.
41	<a href="#">c6j05B</a>	Alignment	not modelled	94.0	15	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator arsr; <b>PDBTitle:</b> structures of two arsr as(iii)-responsive repressors: implications for2 the mechanism of derepression
42	<a href="#">c2du9A</a>	Alignment	not modelled	93.9	37	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> predicted transcriptional regulators; <b>PDBTitle:</b> crystal structure of the transcriptional factor from c.glutamicum
43	<a href="#">c4r1hA</a>	Alignment	not modelled	93.8	16	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> lmo0741 protein; <b>PDBTitle:</b> gntr family transcriptional regulator from listeria monocytogenes
44	<a href="#">c6az6B</a>	Alignment	not modelled	93.8	19	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> gntr family transcriptional regulator; <b>PDBTitle:</b> streptococcus agalactiae gntr
45	<a href="#">c1fx7C</a>	Alignment	not modelled	93.7	14	<b>PDB header:</b> signaling protein <b>Chain:</b> C: <b>PDB Molecule:</b> iron-dependent repressor iber; <b>PDBTitle:</b> crystal structure of the iron-dependent regulator (iber) from2 mycobacterium tuberculosis
46	<a href="#">c5h20A</a>	Alignment	not modelled	93.7	26	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> putative padr-family transcriptional regulatory protein; <b>PDBTitle:</b> x-ray structure of padr-like transcription factor from bacteroid2 fragilis
47	<a href="#">c2nyxB</a>	Alignment	not modelled	93.7	22	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> probable transcriptional regulatory protein, rv1404; <b>PDBTitle:</b> crystal structure of rv1404 from mycobacterium tuberculosis
48	<a href="#">c4mnuA</a>	Alignment	not modelled	93.6	11	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> slya-like transcription regulator; <b>PDBTitle:</b> crystal structure of uncharacterized slya-like transcription regulator2 from listeria monocytogenes
49	<a href="#">c1r22B</a>	Alignment	not modelled	93.6	15	<b>PDB header:</b> transcription repressor <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional repressor smtb; <b>PDBTitle:</b> crystal structure of the cyanobacterial metallothionein2 repressor smtb (c14s/c61s/c121s mutant) in the zn2alpha5-3 form
50	<a href="#">c3eetA</a>	Alignment	not modelled	93.6	16	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> putative gntr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of putative gntr-family transcriptional2 regulator
51	<a href="#">c3f6oB</a>	Alignment	not modelled	93.5	12	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> probable transcriptional regulator, arsr family <b>PDBTitle:</b> crystal structure of arsr family transcriptional regulator,2 rha00566
52	<a href="#">d1r1ta</a>	Alignment	not modelled	93.5	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ArsR-like transcriptional regulators
53	<a href="#">d2a61a1</a>	Alignment	not modelled	93.4	20	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators

54	<a href="#">c2p8tA</a>	Alignment	not modelled	93.4	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein ph0730; <b>PDBTitle:</b> hypothetical protein ph0730 from pyrococcus horikoshii ot3
55	<a href="#">d2hs5a1</a>	Alignment	not modelled	93.3	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> GntR-like transcriptional regulators
56	<a href="#">c3f8mA</a>	Alignment	not modelled	93.2	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> gntR-family protein transcriptional regulator; <b>PDBTitle:</b> crystal structure of phnF from mycobacterium smegmatis
57	<a href="#">c3g3zA</a>	Alignment	not modelled	93.2	8	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, marr family; <b>PDBTitle:</b> the structure of nmb1585, a marr family regulator from neisseria2 meningitidis
58	<a href="#">c3f3xA</a>	Alignment	not modelled	93.1	11	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, marr family, putative; <b>PDBTitle:</b> crystal structure of the transcriptional regulator bldr from2 sulfolobus solfataricus
59	<a href="#">d1jgsa</a>	Alignment	not modelled	93.1	18	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
60	<a href="#">c4egzA</a>	Alignment	not modelled	93.1	26	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> arabinose metabolism transcriptional repressor; <b>PDBTitle:</b> crystal structure of arar(dbd) in complex with operator orr3
61	<a href="#">d2etha1</a>	Alignment	not modelled	93.0	9	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
62	<a href="#">c5xvnM</a>	Alignment	not modelled	93.0	13	<b>PDB header:</b> immune system <b>Chain:</b> M: <b>PDB Molecule:</b> crispr-associated endoribonuclease cas2; <b>PDBTitle:</b> e. far cas1-cas2/prespacer binary complex
63	<a href="#">c5zqhA</a>	Alignment	not modelled	93.0	15	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> padr family transcriptional regulator; <b>PDBTitle:</b> crystal structure of streptococcus transcriptional regulator
64	<a href="#">c2gxgA</a>	Alignment	not modelled	93.0	10	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> 146aa long hypothetical transcriptional regulator; <b>PDBTitle:</b> crystal structure of emrr homolog from hyperthermophilic archaea2 sulfolobus tokodaii strain7
65	<a href="#">c3jthA</a>	Alignment	not modelled	92.9	12	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcription activator hlyu; <b>PDBTitle:</b> crystal structure of a transcriptional regulator hlyu from2 vibrio vulnificus cmcp6
66	<a href="#">c3neuA</a>	Alignment	not modelled	92.9	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> lin1836 protein; <b>PDBTitle:</b> the crystal structure of a functionally-unknown protein lin1836 from2 listeria innocua clip11262
67	<a href="#">c5kvrA</a>	Alignment	not modelled	92.7	31	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> pyruvate dehydrogenase complex repressor; <b>PDBTitle:</b> x-ray crystal structure of a fragment (1-75) of a transcriptional2 regulator pdhr from escherichia coli cft073
68	<a href="#">c3ihuA</a>	Alignment	not modelled	92.7	28	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, gntR family; <b>PDBTitle:</b> crystal structure of dna binding protein (yp_298823.1) from ralstonia2 eutropha jmp134 at 1.92 a resolution
69	<a href="#">c4fhtA</a>	Alignment	not modelled	92.7	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> pcav transcriptional regulator; <b>PDBTitle:</b> crystal structure of the pcav transcriptional regulator from2 streptomyces coelicolor in complex with its natural ligand
70	<a href="#">c3c7jA</a>	Alignment	not modelled	92.7	23	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, gntR family; <b>PDBTitle:</b> crystal structure of transcriptional regulator (gntR family member)2 from pseudomonas syringae pv. tomato str. dc3000
71	<a href="#">c5cviB</a>	Alignment	not modelled	92.6	8	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> slor; <b>PDBTitle:</b> structure of the manganese regulator slor
72	<a href="#">d2d1ha1</a>	Alignment	not modelled	92.6	16	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> TrmB-like
73	<a href="#">c5z7bB</a>	Alignment	not modelled	92.6	23	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> padr family transcriptional regulator; <b>PDBTitle:</b> crystal structure of the vanR transcription factor in complex with2 vanillate
74	<a href="#">c3edpB</a>	Alignment	not modelled	92.6	30	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> lin2111 protein; <b>PDBTitle:</b> the crystal structure of the protein lin2111 (functionally unknown)2 from listeria innocua clip11262
75	<a href="#">c4hamA</a>	Alignment	not modelled	92.6	9	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> lmo2241 protein; <b>PDBTitle:</b> crystal structure of transcriptional antiterminator from listeria2 monocytogenes egd-e
76	<a href="#">c4zs8A</a>	Alignment	not modelled	92.6	40	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional repressor dasr; <b>PDBTitle:</b> crystal structure of ligand-free, full length dasr
77	<a href="#">c3k0IA</a>	Alignment	not modelled	92.5	14	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> repressor protein; <b>PDBTitle:</b> crystal structure of putative marr family transcriptional2 regulator from acinetobacter sp. adp
78	<a href="#">d2fbia1</a>	Alignment	not modelled	92.5	20	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
						<b>Fold:</b> DNA/RNA-binding 3-helical bundle

79	<a href="#">d2esha1</a>	Alignment	not modelled	92.5	20	<b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> PadR-like
80	<a href="#">c4xrfA</a>	Alignment	not modelled	92.5	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, marr family; <b>PDBTitle:</b> crystal structure of mepr like protein complexed with pseudoligands
81	<a href="#">c2rdpA</a>	Alignment	not modelled	92.4	21	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator marr; <b>PDBTitle:</b> the structure of a marr family protein from bacillus2 stearothermophilus
82	<a href="#">c5dymA</a>	Alignment	not modelled	92.4	22	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> padr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of a padr family transcription regulator from2 hypervirulent clostridium difficile r20291 - cdpadr_0991 to 1.893 angstrom resolution
83	<a href="#">d1hw1a1</a>	Alignment	not modelled	92.4	33	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> GntR-like transcriptional regulators
84	<a href="#">d1lnwa</a>	Alignment	not modelled	92.3	8	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
85	<a href="#">c5dukA</a>	Alignment	not modelled	92.3	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative dna binding protein; <b>PDBTitle:</b> n-terminal structure of putative dna binding transcription factor from2 thermoplasmatales archaeon scgc ab-539-n05
86	<a href="#">c2di3A</a>	Alignment	not modelled	92.3	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> bacterial regulatory proteins, gntR family; <b>PDBTitle:</b> crystal structure of the transcriptional factor cgl29152 from corynebacterium glutamicum
87	<a href="#">d1s3ja</a>	Alignment	not modelled	92.1	10	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
88	<a href="#">c4em1A</a>	Alignment	not modelled	92.1	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized hth-type transcriptional regulator sar2349; <b>PDBTitle:</b> staphylococcus aureus marr native
89	<a href="#">c2lkpB</a>	Alignment	not modelled	92.1	17	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, arsr family; <b>PDBTitle:</b> solution structure of apo-nmtr
90	<a href="#">c3lmmB</a>	Alignment	not modelled	92.1	20	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of the dip2311 protein from corynebacterium2 diphtheriae, northeast structural genomics consortium target cdr35
91	<a href="#">c2zkzC</a>	Alignment	not modelled	92.1	13	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> transcriptional repressor pagr; <b>PDBTitle:</b> crystal structure of the transcriptional repressor pagr of bacillus2 anthracis
92	<a href="#">c4omzG</a>	Alignment	not modelled	92.0	11	<b>PDB header:</b> transcription <b>Chain:</b> G: <b>PDB Molecule:</b> nolr; <b>PDBTitle:</b> crystal structure of nolr from sinorhizobium fredii
93	<a href="#">d1v4ra1</a>	Alignment	not modelled	91.9	22	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> GntR-like transcriptional regulators
94	<a href="#">c3bjaA</a>	Alignment	not modelled	91.9	9	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, marr family, putative; <b>PDBTitle:</b> crystal structure of putative marr-like transcription regulator2 (np_978771.1) from bacillus cereus atcc 10987 at 2.38 a resolution
95	<a href="#">d1r1ua</a>	Alignment	not modelled	91.9	8	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> ArsR-like transcriptional regulators
96	<a href="#">c5x11G</a>	Alignment	not modelled	91.7	10	<b>PDB header:</b> transcription/dna <b>Chain:</b> G: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of bacillus subtilis padr in complex with operator2 dna
97	<a href="#">c3bj6B</a>	Alignment	not modelled	91.7	24	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, marr family; <b>PDBTitle:</b> crystal structure of marr family transcription regulator sp03579
98	<a href="#">d3bwga1</a>	Alignment	not modelled	91.7	20	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> GntR-like transcriptional regulators
99	<a href="#">c3bpxB</a>	Alignment	not modelled	91.7	20	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of marr
100	<a href="#">c3nrvc</a>	Alignment	not modelled	91.7	6	<b>PDB header:</b> transcription regulator <b>Chain:</b> C: <b>PDB Molecule:</b> putative transcriptional regulator (marr/emrr family); <b>PDBTitle:</b> crystal structure of marr/emrr family transcriptional regulator from2 acinetobacter sp. adp1
101	<a href="#">d2bv6a1</a>	Alignment	not modelled	91.6	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
102	<a href="#">d1p4xa2</a>	Alignment	not modelled	91.5	17	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
103	<a href="#">c3by6C</a>	Alignment	not modelled	91.4	10	<b>PDB header:</b> transcription regulator <b>Chain:</b> C: <b>PDB Molecule:</b> predicted transcriptional regulator; <b>PDBTitle:</b> crystal structure of a transcriptional regulator from oenococcus oeni
104	<a href="#">d1mkma1</a>	Alignment	not modelled	91.3	12	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Transcriptional regulator lclR, N-terminal domain

105	<a href="#">c5eriA_</a>	Alignment	not modelled	91.3	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> marr family transcriptional regulator; <b>PDBTitle:</b> marr protein from peptoclostridium difficile da00132
106	<a href="#">c2fxaB_</a>	Alignment	not modelled	91.2	9	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> protease production regulatory protein hpr; <b>PDBTitle:</b> structure of the protease production regulatory protein hpr from2 bacillus subtilis.
107	<a href="#">d1z91a1</a>	Alignment	not modelled	91.1	17	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
108	<a href="#">d1biaa1</a>	Alignment	not modelled	91.1	23	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Biotin repressor-like
109	<a href="#">c2dqlA_</a>	Alignment	not modelled	91.1	21	<b>PDB header:</b> circadian clock protein <b>Chain:</b> A: <b>PDB Molecule:</b> pex protein; <b>PDBTitle:</b> crystal structure of the circadian clock associated protein pex from2 anabaena
110	<a href="#">d1lj9a_</a>	Alignment	not modelled	91.1	14	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
111	<a href="#">c3bwgA_</a>	Alignment	not modelled	91.0	20	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized hth-type transcriptional regulator yydk; <b>PDBTitle:</b> the crystal structure of possible transcriptional regulator yydk from2 bacillus subtilis subsp. subtilis str. 168
112	<a href="#">c4p96B_</a>	Alignment	not modelled	90.8	31	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> fatty acid metabolism regulator protein; <b>PDBTitle:</b> fadr, fatty acid responsive transcription factor from vibrio cholerae
113	<a href="#">c3pqkD_</a>	Alignment	not modelled	90.7	22	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> biofilm growth-associated repressor; <b>PDBTitle:</b> crystal structure of the transcriptional repressor bigr from xylella2 fastidiosa
114	<a href="#">c2jscB_</a>	Alignment	not modelled	90.5	21	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator rv1994c/mt2050; <b>PDBTitle:</b> nmr structure of the cadmium metal-sensor cmtr from mycobacterium2 tuberculosis
115	<a href="#">c2nnnB_</a>	Alignment	not modelled	90.5	31	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> probable transcriptional regulator; <b>PDBTitle:</b> crystal structure of probable transcriptional regulator from2 pseudomonas aeruginosa
116	<a href="#">c3tqnC_</a>	Alignment	not modelled	90.3	13	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> transcriptional regulator, gntr family; <b>PDBTitle:</b> structure of the transcriptional regulator of the gntr family, from2 coxiella burnetii.
117	<a href="#">c2kkoB_</a>	Alignment	not modelled	90.3	18	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> possible transcriptional regulatory protein <b>PDBTitle:</b> solution nmr structure of the homodimeric winged helix-turn-2 helix dna-binding domain (fragment 1-100) mb0332 from3 mycobacterium bovis, a possible arsr-family transcriptional4 regulator. northeast structural genomics consortium target5 mbr242e.
118	<a href="#">d2frha1</a>	Alignment	not modelled	90.0	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
119	<a href="#">d3broa1</a>	Alignment	not modelled	89.9	24	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
120	<a href="#">c4b8xB_</a>	Alignment	not modelled	89.9	10	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> possible marr-transcriptional regulator; <b>PDBTitle:</b> near atomic resolution crystal structure of sco5413, a marr family2 transcriptional regulator from streptomyces coelicolor