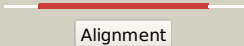

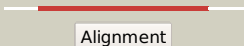

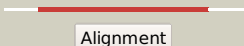







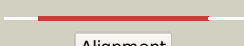

















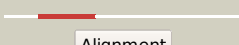

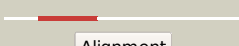

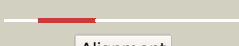





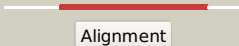
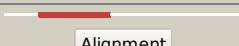



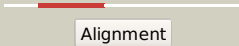
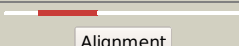



Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0043c_(-)_47366_48100
Date	Tue Jul 23 14:50:07 BST 2019
Unique Job ID	f2b26a31d99af387

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3fmsA_	 Alignment		100.0	15	PDB header: transcription regulator Chain: A; PDB Molecule: transcriptional regulator, gntr family; PDBTitle: crystal structure of tm0439, a gntr transcriptional regulator
2	c3c7jA_	 Alignment		100.0	16	PDB header: transcription regulator Chain: A; PDB Molecule: transcriptional regulator, gntr family; PDBTitle: crystal structure of transcriptional regulator (gntr family member)2 from pseudomonas syringae pv. tomato str. dc3000
3	c4p96B_	 Alignment		100.0	13	PDB header: transcription Chain: B; PDB Molecule: fatty acid metabolism regulator protein; PDBTitle: fadr, fatty acid responsive transcription factor from vibrio cholerae
4	c3ihuA_	 Alignment		100.0	22	PDB header: transcription regulator Chain: A; PDB Molecule: transcriptional regulator, gntr family; PDBTitle: crystal structure of dna binding protein (yp_298823.1) from ralstonia2 eutropha jmp134 at 1.92 a resolution
5	c2hs5A_	 Alignment		100.0	16	PDB header: transcription regulator Chain: A; PDB Molecule: putative transcriptional regulator gntr; PDBTitle: structural genomics, the crystal structure of a putative2 transcriptional regulator gntr from rhodococcus sp. rha1
6	c4p9fA_	 Alignment		100.0	19	PDB header: transcription Chain: A; PDB Molecule: hth-type transcriptional regulator mcbr; PDBTitle: e. coli mcbr/yncc
7	c6ep3B_	 Alignment		100.0	17	PDB header: transcription Chain: B; PDB Molecule: lmo0651 protein; PDBTitle: lar controls the expression of the listeria monocytogenes agr system2 and mediates virulence.
8	c6az6B_	 Alignment		99.9	21	PDB header: transcription Chain: B; PDB Molecule: gntr family transcriptional regulator; PDBTitle: streptococcus agalactiae gntr
9	c1e2xA_	 Alignment		99.9	15	PDB header: transcriptional regulation Chain: A; PDB Molecule: fatty acid metabolism regulator protein; PDBTitle: fadr, fatty acid responsive transcription factor from e.2 coli
10	c2di3A_	 Alignment		99.9	21	PDB header: transcription Chain: A; PDB Molecule: bacterial regulatory proteins, gntr family; PDBTitle: crystal structure of the transcriptional factor cg129152 from corynebacterium glutamicum
11	c4hamA_	 Alignment		99.7	17	PDB header: transcription Chain: A; PDB Molecule: lmo2241 protein; PDBTitle: crystal structure of transcriptional antiterminator from listeria2 monocytogenes egd-e

12	c4r1hA_	 Alignment		99.7	21	PDB header: transcription regulator Chain: A: PDB Molecule: lmo0741 protein; PDBTitle: gntR family transcriptional regulator from listeria monocytogenes
13	c3by6C_	 Alignment		99.7	17	PDB header: transcription regulator Chain: C: PDB Molecule: predicted transcriptional regulator; PDBTitle: crystal structure of a transcriptional regulator from oenococcus oeni
14	c2du9A_	 Alignment		99.7	19	PDB header: transcription Chain: A: PDB Molecule: predicted transcriptional regulators; PDBTitle: crystal structure of the transcriptional factor from c.glutamicum
15	c3neuA_	 Alignment		99.6	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: lin1836 protein; PDBTitle: the crystal structure of a functionally-unknown protein lin1836 from2 listeria innocua clip11262
16	c3bwgA_	 Alignment		99.6	22	PDB header: transcription regulator Chain: A: PDB Molecule: uncharacterized hth-type transcriptional regulator yydk; PDBTitle: the crystal structure of possible transcriptional regulator yydk from2 bacillus subtilis subsp. subtilis str. 168
17	d2hs5a1	 Alignment		99.5	26	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
18	c3edpB_	 Alignment		99.5	16	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: lin2111 protein; PDBTitle: the crystal structure of the protein lin2111 (functionally unknown)2 from listeria innocua clip11262
19	c3ic7A_	 Alignment		99.5	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative transcriptional regulator; PDBTitle: crystal structure of putative transcriptional regulator of gntR family2 from bacteroides thetaiotaomicron
20	c5kvrA_	 Alignment		99.5	31	PDB header: translation Chain: A: PDB Molecule: pyruvate dehydrogenase complex repressor; PDBTitle: x-ray crystal structure of a fragment (1-75) of a transcriptional2 regulator pdhr from escherichia coli cft073
21	d1hw1a2	 Alignment	not modelled	99.5	13	Fold: GntR ligand-binding domain-like Superfamily: GntR ligand-binding domain-like Family: GntR ligand-binding domain-like
22	c4zs8A_	 Alignment	not modelled	99.5	20	PDB header: transcription Chain: A: PDB Molecule: hth-type transcriptional repressor dasr; PDBTitle: crystal structure of ligand-free, full length dasr
23	c4eqzA_	 Alignment	not modelled	99.5	24	PDB header: transcription/dna Chain: A: PDB Molecule: arabinose metabolism transcriptional repressor; PDBTitle: crystal structure of arar(dbd) in complex with operator orr3
24	c5tpmD_	 Alignment	not modelled	99.5	18	PDB header: hydrolase Chain: D: PDB Molecule: pyruvate dehydrogenase complex repressor; PDBTitle: 2.8 angstrom crystal structure of the c-terminal dimerization domain2 of transcriptional regulator pdhr from escherichia coli.
25	d1v4ra1	 Alignment	not modelled	99.5	29	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
26	d3bwgq1	 Alignment	not modelled	99.5	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
27	d1hw1a1	 Alignment	not modelled	99.5	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
28	c3eetA_	 Alignment	not modelled	99.4	20	PDB header: transcription regulator Chain: A: PDB Molecule: putative gntR-family transcriptional regulator;

						PDBTitle: crystal structure of putative gntR-family transcriptional2 regulator
29	c3f8mA	Alignment	not modelled	99.4	35	PDB header: transcription Chain: A: PDB Molecule: gntR-family protein transcriptional regulator; PDBTitle: crystal structure of phnF from mycobacterium smegmatis
30	c3sxB	Alignment	not modelled	99.4	10	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, gntR family; PDBTitle: zn2+-bound fcd domain of tm0439, a putative transcriptional regulator
31	d2hs5a2	Alignment	not modelled	99.4	11	Fold: GntR ligand-binding domain-like Superfamily: GntR ligand-binding domain-like Family: GntR ligand-binding domain-like
32	c4n0bA	Alignment	not modelled	99.4	23	PDB header: transcription activator Chain: A: PDB Molecule: hth-type transcriptional regulatory protein gabr; PDBTitle: crystal structure of bacillus subtilis gabr, an autorepressor and2 transcriptional activator of gabT
33	c3tqnC	Alignment	not modelled	99.2	14	PDB header: transcription Chain: C: PDB Molecule: transcriptional regulator, gntR family; PDBTitle: structure of the transcriptional regulator of the gntR family, from2 coxiella burnetii.
34	c2wv0H	Alignment	not modelled	98.9	15	PDB header: transcription Chain: H: PDB Molecule: hth-type transcriptional repressor yvoa; PDBTitle: crystal structure of the gntR-hutC family member yvoa from2 bacillus subtilis
35	c2h09A	Alignment	not modelled	98.4	18	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator mntr; PDBTitle: crystal structure of diphtheria toxin repressor like protein2 from e. coli
36	c1f5tA	Alignment	not modelled	98.3	15	PDB header: transcription/dna Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: diphtheria tox repressor (c102d mutant) complexed with2 nickel and dtxr consensus binding sequence
37	c2it0A	Alignment	not modelled	98.2	18	PDB header: transcription/dna Chain: A: PDB Molecule: iron-dependent repressor ider; PDBTitle: crystal structure of a two-domain ider-dna complex crystal2 form ii
38	c3hruA	Alignment	not modelled	98.1	14	PDB header: transcription Chain: A: PDB Molecule: metalloregulator scar; PDBTitle: crystal structure of scar with bound zn2+
39	c1g3wA	Alignment	not modelled	97.9	18	PDB header: gene regulation Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: cd-cys102ser dtxr
40	c4o6jA	Alignment	not modelled	97.8	11	PDB header: metal binding protein Chain: A: PDB Molecule: iron-dependent transcription repressor related protein; PDBTitle: crystal structure of t. acidophilum ider
41	c2x4hA	Alignment	not modelled	97.6	19	PDB header: transcription Chain: A: PDB Molecule: hypothetical protein sso2273; PDBTitle: crystal structure of the hypothetical protein sso2273 from2 sulfolobus solfataricus
42	d1biaa1	Alignment	not modelled	97.6	24	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like
43	c1fx7C	Alignment	not modelled	97.5	18	PDB header: signaling protein Chain: C: PDB Molecule: iron-dependent repressor ider; PDBTitle: crystal structure of the iron-dependent regulator (ider) from2 mycobacterium tuberculosis
44	c3rxA	Alignment	not modelled	97.4	20	PDB header: ligase Chain: A: PDB Molecule: biotin-[acetyl-coa-carboxylase] ligase; PDBTitle: structural characterisation of staphylococcus aureus biotin protein2 ligase
45	c5cviB	Alignment	not modelled	97.4	13	PDB header: transcription regulator Chain: B: PDB Molecule: slor; PDBTitle: structure of the manganese regulator slor
46	c3zplE	Alignment	not modelled	97.3	15	PDB header: transcription/dna Chain: E: PDB Molecule: putative marr-family transcriptional repressor; PDBTitle: crystal structure of sco3205, a marr family transcriptional regulator2 from streptomyces coelicolor, in complex with dna
47	c3zmdD	Alignment	not modelled	97.3	13	PDB header: transcription Chain: D: PDB Molecule: putative transcriptional regulator; PDBTitle: crystal structure of absc, a marr family transcriptional2 regulator from streptomyces coelicolor
48	d1jhfa1	Alignment	not modelled	97.2	24	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain
49	d1stza1	Alignment	not modelled	97.2	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Heat-inducible transcription repressor HrcA, N-terminal domain
50	c3ctaA	Alignment	not modelled	97.1	15	PDB header: transferase Chain: A: PDB Molecule: riboflavin kinase; PDBTitle: crystal structure of riboflavin kinase from thermoplasma acidophilum
51	d1g3wa1	Alignment	not modelled	97.1	26	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
52	c2y75F	Alignment	not modelled	97.1	17	PDB header: transcription Chain: F: PDB Molecule: hth-type transcriptional regulator cymr; PDBTitle: the structure of cymr (yrzc) the global cysteine regulator of b.2 subtilis
53	c3t8tA	Alignment	not modelled	97.1	13	PDB header: unknown function Chain: A: PDB Molecule: staphylococcus aureus cymr (oxidized form); PDBTitle: crystal structure of staphylococcus aureus cymr oxidized form

54	c3lwfD	Alignment	not modelled	97.0	17	PDB header: transcription regulator Chain: D: PDB Molecule: putative transcriptional regulator; PDBTitle: crystal structure of putative transcriptional regulator (np_470886.1)2 from listeria innocua at 2.06 a resolution
55	c5zc2B	Alignment	not modelled	97.0	11	PDB header: flavoprotein Chain: B: PDB Molecule: p-hydroxyphenylacetate 3-hydroxylase, reductase component; PDBTitle: acinetobacter baumannii p-hydroxyphenylacetate 3-hydroxylase (hpah),2 reductase component (c1)
56	c5jbrA	Alignment	not modelled	97.0	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein bcav_2135; PDBTitle: crystal structure of uncharacterized protein bcav_2135 from2 beutenbergia cavernae
57	c2rdpA	Alignment	not modelled	97.0	10	PDB header: transcription Chain: A: PDB Molecule: putative transcriptional regulator marr; PDBTitle: the structure of a marr family protein from bacillus2 stearothermophilus
58	d2isya1	Alignment	not modelled	97.0	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
59	d2hr3a1	Alignment	not modelled	96.9	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
60	d1lnwa	Alignment	not modelled	96.9	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
61	c5yhXH	Alignment	not modelled	96.8	13	PDB header: metal binding protein Chain: H: PDB Molecule: zinc transport transcriptional regulator; PDBTitle: structure of lactococcus lactis zitri, wild type
62	c3k69A	Alignment	not modelled	96.8	18	PDB header: transcription Chain: A: PDB Molecule: putative transcription regulator; PDBTitle: crystal structure of a putative transcriptional regulator (lp_0360)2 from lactobacillus plantarum at 1.95 a resolution
63	d3broa1	Alignment	not modelled	96.8	5	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
64	d1j5ya1	Alignment	not modelled	96.8	25	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like
65	c4hf1B	Alignment	not modelled	96.8	14	PDB header: transcription/dna Chain: B: PDB Molecule: hth-type transcriptional regulator iscr; PDBTitle: crystal structure of iscr bound to its promoter
66	d2fbha1	Alignment	not modelled	96.8	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
67	c3bj6B	Alignment	not modelled	96.8	12	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcription regulator sp03579
68	c2ev5B	Alignment	not modelled	96.7	12	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator mntr; PDBTitle: bacillus subtilis manganese transport regulator (mntr)2 bound to calcium
69	c5eriA	Alignment	not modelled	96.7	15	PDB header: transcription Chain: A: PDB Molecule: marr family transcriptional regulator; PDBTitle: marr protein from peptoclostridium difficile da00132
70	c6hsdB	Alignment	not modelled	96.7	17	PDB header: transcription Chain: B: PDB Molecule: rrf2 family transcriptional regulator; PDBTitle: crystal structure of the oxidized form of the transcription regulator2 rsrr
71	c3nqoB	Alignment	not modelled	96.7	18	PDB header: transcription Chain: B: PDB Molecule: marr-family transcriptional regulator; PDBTitle: crystal structure of a marr family transcriptional regulator (cd1569)2 from clostridium difficile 630 at 2.20 a resolution
72	d1ylfa1	Alignment	not modelled	96.7	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator Rrf2
73	c3r0aB	Alignment	not modelled	96.7	9	PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: possible transcriptional regulator from methanosarcina mazei go1 (gi2_21227196)
74	c4cicB	Alignment	not modelled	96.6	19	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator, badm/rrf2 family; PDBTitle: t. potens iscr
75	c4mnuA	Alignment	not modelled	96.6	13	PDB header: transcription regulator Chain: A: PDB Molecule: slya-like transcription regulator; PDBTitle: crystal structure of uncharacterized slya-like transcription regulator2 from listeria monocytogenes
76	d3ctaa1	Alignment	not modelled	96.6	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
77	c2fa5B	Alignment	not modelled	96.6	11	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator marr/emrr family; PDBTitle: the crystal structure of an unliganded multiple antibiotic-2 resistance repressor (marr) from xanthomonas campestris
78	c4fhtA	Alignment	not modelled	96.6	14	PDB header: transcription Chain: A: PDB Molecule: pcav transcriptional regulator; PDBTitle: crystal structure of the pcav transcriptional regulator from2 streptomyces coelicolor in complex with its natural ligand
79	c6c28C	Alignment	not modelled	96.6	17	PDB header: dna binding protein Chain: C: PDB Molecule: transcriptional regulator, marr family; PDBTitle: transcriptional repressor, cour, bound to p-coumaroyl-coa
						Fold: DNA/RNA-binding 3-helical bundle

80	d2a61a1	Alignment	not modelled	96.6	13	Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
81	c2gxgA	Alignment	not modelled	96.5	11	PDB header: transcription Chain: A: PDB Molecule: 146aa long hypothetical transcriptional regulator; PDBTitle: crystal structure of emrr homolog from hyperthermophilic archaea2 sulfolobus tokodaii strain7
82	c2qwwB	Alignment	not modelled	96.5	9	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of multiple antibiotic-resistance repressor (marr)2 (yp_013417.1) from listeria monocytogenes 4b f2365 at 2.07 a3 resolution
83	c6o5cB	Alignment	not modelled	96.5	13	PDB header: dna binding protein Chain: B: PDB Molecule: putative metal-dependent transcriptional regulator; PDBTitle: x-ray crystal structure of metal-dependent transcriptional regulator2 mtsr
84	c1j5yA	Alignment	not modelled	96.5	23	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, biotin repressor family; PDBTitle: crystal structure of transcriptional regulator (tm1602) from2 thermotoga maritima at 2.3 a resolution
85	c3nrvc	Alignment	not modelled	96.4	15	PDB header: transcription regulator Chain: C: PDB Molecule: putative transcriptional regulator (marr/emrr family); PDBTitle: crystal structure of marr/emrr family transcriptional regulator from2 acinetobacter sp. adp1
86	c3oopA	Alignment	not modelled	96.4	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: lin2960 protein; PDBTitle: the structure of a protein with unknown function from listeria innocua2 clip11262
87	c4yifE	Alignment	not modelled	96.4	12	PDB header: dna binding protein Chain: E: PDB Molecule: marr family protein rv0880; PDBTitle: crystal structure of rv0880
88	d1lj9a	Alignment	not modelled	96.3	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
89	d3deua1	Alignment	not modelled	96.3	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
90	c3bjaA	Alignment	not modelled	96.3	11	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, marr family, putative; PDBTitle: crystal structure of putative marr-like transcription regulator2 (np_978771.1) from bacillus cereus atcc 10987 at 2.38 a resolution
91	d1s3ja	Alignment	not modelled	96.3	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
92	c5bqtC	Alignment	not modelled	96.2	17	PDB header: dna binding protein Chain: C: PDB Molecule: putative hth-type transcriptional regulator trmbI2; PDBTitle: structure of trmbI2, an archaeal chromatin protein, shows a novel mode2 of dna binding.
93	c5aiqD	Alignment	not modelled	96.2	14	PDB header: transcription Chain: D: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of ligand-free nadr
94	d2g9wa1	Alignment	not modelled	96.2	9	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Penicillinase repressor
95	c3kp3B	Alignment	not modelled	96.2	8	PDB header: transcription regulator/antibiotic Chain: B: PDB Molecule: transcriptional regulator tcar; PDBTitle: staphylococcus epidermidis in complex with ampicillin
96	c3cjnA	Alignment	not modelled	96.2	13	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of transcriptional regulator, marr family, from2 silicibacter pomeroyi
97	c6cmvA	Alignment	not modelled	96.2	18	PDB header: gene regulation Chain: A: PDB Molecule: transcriptional regulator Irs14-like protein; PDBTitle: crystal structure of archaeal biofilm regulator (abfr2) from2 sulfolobus acidocaldarius
98	c2ewnA	Alignment	not modelled	96.1	22	PDB header: ligase, transcription Chain: A: PDB Molecule: bira bifunctional protein; PDBTitle: ecoli biotin repressor with co-repressor analog
99	d1jgsa	Alignment	not modelled	96.1	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
100	c4xrfA	Alignment	not modelled	96.1	14	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of mepr like protein complexed with pseudoligands
101	c2nnnB	Alignment	not modelled	96.1	12	PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulator; PDBTitle: crystal structure of probable transcriptional regulator from2 pseudomonas aeruginosa
102	c2oqgA	Alignment	not modelled	96.1	23	PDB header: transcription Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: arsr-like transcriptional regulator from rhodococcus sp. rha1
103	d1ku9a	Alignment	not modelled	96.1	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: DNA-binding protein Mj223
104	c5ey0A	Alignment	not modelled	96.1	30	PDB header: transcription Chain: A: PDB Molecule: gtp-sensing transcriptional pleiotropic repressor cody;

						PDBTitle: crystal structure of cody from staphylococcus aureus with gtp and ile
105	d1xd7a_	Alignment	not modelled	96.1	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator Rrf2
106	c3g3zA_	Alignment	not modelled	96.0	11	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: the structure of nmb1585, a marr family regulator from neisseria2 meningitidis
107	d2fbia1	Alignment	not modelled	96.0	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
108	c3fm5D_	Alignment	not modelled	96.0	14	PDB header: transcription regulator Chain: D: PDB Molecule: transcriptional regulator; PDBTitle: x-ray crystal structure of transcriptional regulator (marr family)2 from rhodococcus sp. rha1
109	d2bv6a1	Alignment	not modelled	95.9	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
110	c3e6mD_	Alignment	not modelled	95.9	14	PDB header: transcription regulator Chain: D: PDB Molecule: marr family transcriptional regulator; PDBTitle: the crystal structure of a marr family transcriptional2 regulator from silicibacter pomeroyi dss.
111	d1i5za1	Alignment	not modelled	95.9	25	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
112	c3deuB_	Alignment	not modelled	95.9	20	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator slya; PDBTitle: crystal structure of transcription regulatory protein slya from2 salmonella typhimurium in complex with salicylate ligands
113	d2d1ha1	Alignment	not modelled	95.9	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like
114	c6j05B_	Alignment	not modelled	95.8	21	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator arsr; PDBTitle: structures of two arsr as(iii)-responsive repressors: implications for2 the mechanism of derepression
115	c3k0lA_	Alignment	not modelled	95.8	8	PDB header: transcription regulator Chain: A: PDB Molecule: repressor protein; PDBTitle: crystal structure of putative marr family transcriptional2 regulator from acinetobacter sp. adp
116	c6j0eB_	Alignment	not modelled	95.8	17	PDB header: transcription Chain: B: PDB Molecule: arsenic responsive repressor arsr; PDBTitle: structures of two arsr as(iii)-responsive repressors: implications for2 the mechanism of derepression
117	c3boqB_	Alignment	not modelled	95.8	16	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcriptional regulator from2 silicibacter pomeroyi
118	d2etha1	Alignment	not modelled	95.8	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
119	c3s2wB_	Alignment	not modelled	95.7	8	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: the crystal structure of a marr transcriptional regulator from2 methanosarcina mazei go1
120	c1r22B_	Alignment	not modelled	95.7	22	PDB header: transcription repressor Chain: B: PDB Molecule: transcriptional repressor smtb; PDBTitle: crystal structure of the cyanobacterial metallothionein2 repressor smtb (c14s/c61s/c121s mutant) in the zn2alpha5-3 form