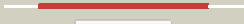


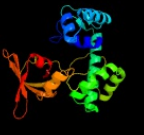
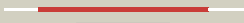



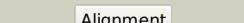















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2788_(sirR)_3096969_3097655
Date	Wed Aug 7 12:50:45 BST 2019
Unique Job ID	a315b62e748b1ef5

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5cviB_	 Alignment		100.0	34	PDB header: transcription regulator Chain: B: PDB Molecule: slor; PDBTitle: structure of the manganese regulator slor
2	c3hruA_	 Alignment		100.0	33	PDB header: transcription Chain: A: PDB Molecule: metalloregulator scar; PDBTitle: crystal structure of scar with bound zn2+
3	c4o6jA_	 Alignment		100.0	25	PDB header: metal binding protein Chain: A: PDB Molecule: iron-dependent transcription repressor related protein; PDBTitle: crystal sturcture of t. acidophilum ider
4	c1g3wA_	 Alignment		100.0	27	PDB header: gene regulation Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: cd-cys102ser dtxr
5	c1fx7C_	 Alignment		100.0	26	PDB header: signaling protein Chain: C: PDB Molecule: iron-dependent repressor ider; PDBTitle: crystal structure of the iron-dependent regulator (ider) from2 mycobacterium tuberculosis
6	c6o5cB_	 Alignment		100.0	32	PDB header: dna binding protein Chain: B: PDB Molecule: putative metal-dependent transcriptional regulator; PDBTitle: x-ray crystal structure of metal-dependent transcriptional regulator2 mtrr
7	c5zr4B_	 Alignment		100.0	94	PDB header: transcription Chain: B: PDB Molecule: metal-dependent transcriptional regulator; PDBTitle: manganese-dependent transcriptional repressor
8	c2it0A_	 Alignment		100.0	32	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
9	c2x4hA_	 Alignment		100.0	26	PDB header: transcription Chain: A: PDB Molecule: hypothetical protein sso2273; PDBTitle: crystal structure of the hypothetical protein sso2273 from2 sulfobolus solfataricus
10	c2ev5B_	 Alignment		100.0	24	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator mntr; PDBTitle: bacillus subtilis manganese transport regulator (mntr)2 bound to calcium
11	c1f5tA_	 Alignment		99.9	32	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

12	c2h09A_	Alignment		99.9	27	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator mntr; PDBTitle: crystal structure of diphtheria toxin repressor like protein2 from e. coli
13	d1g3wa2	Alignment		99.8	42	Fold: Iron-dependent repressor protein, dimerization domain Superfamily: Iron-dependent repressor protein, dimerization domain Family: Iron-dependent repressor protein, dimerization domain
14	d2isyaa2	Alignment		99.8	43	Fold: Iron-dependent repressor protein, dimerization domain Superfamily: Iron-dependent repressor protein, dimerization domain Family: Iron-dependent repressor protein, dimerization domain
15	c1qw1A_	Alignment		99.7	23	PDB header: gene regulation Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: solution structure of the c-terminal domain of dtxr2 residues 110-226
16	d2fxaa1	Alignment		99.5	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
17	d2ev0a2	Alignment		99.5	29	Fold: Iron-dependent repressor protein, dimerization domain Superfamily: Iron-dependent repressor protein, dimerization domain Family: Iron-dependent repressor protein, dimerization domain
18	d2isyaa1	Alignment		99.4	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
19	d1g3wa1	Alignment		99.4	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
20	d1f5ta2	Alignment		99.4	40	Fold: Iron-dependent repressor protein, dimerization domain Superfamily: Iron-dependent repressor protein, dimerization domain Family: Iron-dependent repressor protein, dimerization domain
21	c2k4yA_	Alignment	not modelled	99.3	16	PDB header: metal transport Chain: A: PDB Molecule: feoA-like protein; PDBTitle: nmr structure of feoa-like protein from clostridium2 acetobutylicum: northeast structural genomics consortium3 target car178
22	c2k5fA_	Alignment	not modelled	99.3	24	PDB header: metal transport Chain: A: PDB Molecule: ferrous iron transport protein a; PDBTitle: solution nmr structure of feoa protein from chlorobium2 tepidum. northeast structural genomics consortium target3 ctr121
23	c2k5iA_	Alignment	not modelled	99.3	19	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: feoA; PDBTitle: solution nmr structure of protein feoa from clostridium2 thermocellum, northeast structural genomics consortium3 target cmr17
24	c2k5iA_	Alignment	not modelled	99.3	14	PDB header: metal transport Chain: A: PDB Molecule: iron transport protein; PDBTitle: solution structure of iron(ii) transport protein a from2 clostridium thermocellum , northeast structural genomics3 consortium (nesg) target vr131
25	d2h3ja1	Alignment	not modelled	99.1	17	Fold: SH3-like barrel Superfamily: C-terminal domain of transcriptional repressors Family: FeoA-like
26	d2ev0a1	Alignment	not modelled	99.1	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
27	c3e19D_	Alignment	not modelled	99.1	25	PDB header: transcription regulator, metal binding p Chain: D: PDB Molecule: feoA; PDBTitle: crystal structure of iron uptake regulatory protein (feoA) solved by2 sulfur sad in a monoclinic space group
						PDB header: transcription Chain: B: PDB Molecule: protease production regulatory protein

28	c2fxaB	Alignment	not modelled	99.1	21	hpr; PDBTitle: structure of the protease production regulatory protein hpr from <i>Bacillus subtilis</i> .
29	c3mhxB	Alignment	not modelled	99.1	14	PDB header: metal transport Chain: B: PDB Molecule: putative ferrous iron transport protein a; PDBTitle: crystal structure of <i>Stenotrophomonas maltophilia</i> FeoA complexed with 2 zinc: a unique prokaryotic SH3 domain protein possibly acting as a bacterial ferrous iron transport activating factor
30	d2gca1	Alignment	not modelled	98.9	13	Fold: SH3-like barrel Superfamily: C-terminal domain of transcriptional repressors Family: FeoA-like
31	c5jlsA	Alignment	not modelled	98.9	19	PDB header: transcription Chain: A: PDB Molecule: adhesin competence repressor; PDBTitle: crystal structure of adhesin competence repressor (adcr) from <i>Streptococcus pyogenes</i> (C-terminally His-tagged)
32	d2hr3a1	Alignment	not modelled	98.9	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
33	c4yifE	Alignment	not modelled	98.9	19	PDB header: DNA-binding protein Chain: E: PDB Molecule: Marr family protein rv0880; PDBTitle: crystal structure of rv0880
34	c3nqoB	Alignment	not modelled	98.8	19	PDB header: transcription Chain: B: PDB Molecule: Marr-family transcriptional regulator; PDBTitle: crystal structure of a Marr family transcriptional regulator (cd1569)2 from <i>Clostridium difficile</i> 630 at 2.20 Å resolution
35	d3broa1	Alignment	not modelled	98.8	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
36	c3nrvc	Alignment	not modelled	98.8	17	PDB header: transcription regulator Chain: C: PDB Molecule: putative transcriptional regulator (Marr/Emrr family); PDBTitle: crystal structure of Marr/Emrr family transcriptional regulator from <i>Acinetobacter</i> sp. adp1
37	c6jbxB	Alignment	not modelled	98.8	19	PDB header: transcription/dna Chain: B: PDB Molecule: fatty acid biosynthesis transcriptional regulator; PDBTitle: crystal structure of <i>Streptococcus pneumoniae</i> FabT in complex with Dna
38	c4mnuA	Alignment	not modelled	98.8	19	PDB header: transcription regulator Chain: A: PDB Molecule: SlyA-like transcription regulator; PDBTitle: crystal structure of uncharacterized SlyA-like transcription regulator2 from <i>Listeria monocytogenes</i>
39	c3zplE	Alignment	not modelled	98.8	17	PDB header: transcription/dna Chain: E: PDB Molecule: putative Marr-family transcriptional repressor; PDBTitle: crystal structure of sco3205, a Marr family transcriptional regulator2 from <i>Streptomyces coelicolor</i> , in complex with Dna
40	c3bjaA	Alignment	not modelled	98.8	23	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 <i>Bacillus cereus</i> ATCC 10987 at 2.38 Å resolution
41	d2fba1	Alignment	not modelled	98.8	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
42	c3zmdD	Alignment	not modelled	98.8	19	PDB header: transcription Chain: D: PDB Molecule: putative transcriptional regulator; PDBTitle: crystal structure of AbcC, a Marr family transcriptional regulator2 from <i>Streptomyces coelicolor</i>
43	c3bj6B	Alignment	not modelled	98.8	14	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, Marr family; PDBTitle: crystal structure of Marr family transcription regulator sp03579
44	c5yhXH	Alignment	not modelled	98.8	17	PDB header: metal binding protein Chain: H: PDB Molecule: zinc transport transcriptional regulator; PDBTitle: structure of <i>Lactococcus lactis</i> ZitR, wild type
45	c2gxgA	Alignment	not modelled	98.7	23	PDB header: transcription Chain: A: PDB Molecule: 146aa long hypothetical transcriptional regulator; PDBTitle: crystal structure of Emrr homolog from hyperthermophilic archaea <i>Sulfolobus tokodaii</i> strain 7
46	c2nnnB	Alignment	not modelled	98.7	17	PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulator; PDBTitle: crystal structure of probable transcriptional regulator from <i>Pseudomonas aeruginosa</i>
47	d1lj9a	Alignment	not modelled	98.7	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
48	c3g3zA	Alignment	not modelled	98.7	21	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, Marr family; PDBTitle: the structure of Nmb1585, a Marr family regulator from <i>Neisseria meningitidis</i>
49	d2etha1	Alignment	not modelled	98.7	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
50	c4em1A	Alignment	not modelled	98.7	18	PDB header: transcription Chain: A: PDB Molecule: uncharacterized Hth-type transcriptional regulator sar2349; PDBTitle: <i>Staphylococcus aureus</i> Marr native
51	c2qwwB	Alignment	not modelled	98.7	16	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 <i>Listeria monocytogenes</i> 4b f2365 at 2.07 Å resolution
52	d1s3ja	Alignment	not modelled	98.7	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain

						Family: MarR-like transcriptional regulators
53	c4fhtA	Alignment	not modelled	98.7	21	PDB header: transcription Chain: A: PDB Molecule: pcav transcriptional regulator; PDBTitle: crystal structure of the pcav transcriptional regulator from <i>Streptomyces coelicolor</i> in complex with its natural ligand
54	d2bv6a1	Alignment	not modelled	98.7	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
55	c2fa5B	Alignment	not modelled	98.7	14	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 <i>Xanthomonas campestris</i>
56	c3k0A	Alignment	not modelled	98.7	22	PDB header: transcription regulator Chain: A: PDB Molecule: repressor protein; PDBTitle: crystal structure of putative marr family transcriptional2 regulator from <i>Acinetobacter</i> sp. adp
57	c5eriA	Alignment	not modelled	98.7	20	PDB header: transcription Chain: A: PDB Molecule: marr family transcriptional regulator; PDBTitle: marr protein from <i>Peptoclostridium difficile</i> da00132
58	c5zc2B	Alignment	not modelled	98.7	20	PDB header: flavoprotein Chain: B: PDB Molecule: p-hydroxyphenylacetate 3-hydroxylase, reductase component; PDBTitle: <i>Acinetobacter baumannii</i> p-hydroxyphenylacetate 3-hydroxylase (hpah),2 reductase component (c1)
59	c2rdpA	Alignment	not modelled	98.7	14	PDB header: transcription Chain: A: PDB Molecule: putative transcriptional regulator marr; PDBTitle: the structure of a marr family protein from <i>Bacillus</i> 2 <i>stearothermophilus</i>
60	c3boqB	Alignment	not modelled	98.7	18	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcriptional regulator from <i>Silicibacter pomeroyi</i>
61	d1lnwa	Alignment	not modelled	98.7	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
62	c3fm5D	Alignment	not modelled	98.7	22	PDB header: transcription regulator Chain: D: PDB Molecule: transcriptional regulator; PDBTitle: x-ray crystal structure of transcriptional regulator (marr family)2 from <i>Rhodococcus</i> sp. rha1
63	c3hrmA	Alignment	not modelled	98.7	21	PDB header: transcription regulator Chain: A: PDB Molecule: hth-type transcriptional regulator sarz; PDBTitle: crystal structure of <i>Staphylococcus aureus</i> protein sarz in sulfenic2 acid form
64	d3deu1	Alignment	not modelled	98.7	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
65	c3bpxB	Alignment	not modelled	98.6	18	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator; PDBTitle: crystal structure of marr
66	c5aiqD	Alignment	not modelled	98.6	12	PDB header: transcription Chain: D: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of ligand-free nadr
67	d1jgsa	Alignment	not modelled	98.6	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
68	c2nyxB	Alignment	not modelled	98.6	20	PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulatory protein, rv1404; PDBTitle: crystal structure of rv1404 from <i>Mycobacterium tuberculosis</i>
69	c3kp3B	Alignment	not modelled	98.6	19	PDB header: transcription regulator/antibiotic Chain: B: PDB Molecule: transcriptional regulator tcar; PDBTitle: <i>Staphylococcus epidermidis</i> in complex with ampicillin
70	c3cjnA	Alignment	not modelled	98.6	24	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of transcriptional regulator, marr family, from <i>Silicibacter pomeroyi</i>
71	c3e6mD	Alignment	not modelled	98.6	22	PDB header: transcription regulator Chain: D: PDB Molecule: marr family transcriptional regulator; PDBTitle: the crystal structure of a marr family transcriptional2 regulator from <i>Silicibacter pomeroyi</i> dss.
72	d2fbia1	Alignment	not modelled	98.6	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
73	c4xrfA	Alignment	not modelled	98.6	18	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of mepr like protein complexed with pseudoligands
74	c3ctaA	Alignment	not modelled	98.6	21	PDB header: transferase Chain: A: PDB Molecule: riboflavin kinase; PDBTitle: crystal structure of riboflavin kinase from <i>Thermoplasma acidophilum</i>
75	c3fmsA	Alignment	not modelled	98.6	19	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, gntr family; PDBTitle: crystal structure of tm0439, a gntr transcriptional regulator
76	c3deuB	Alignment	not modelled	98.6	19	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator slya; PDBTitle: crystal structure of transcription regulatory protein slya from <i>Salmonella typhimurium</i> in complex with salicylate ligands
77	c5e1xA	Alignment	not modelled	98.6	14	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of the organohalide sensing rdh-cdba16252 transcriptional regulator in the 3,4-dichlorophenol bound form
						PDB header: transcription regulator

78	c4r1hA_	Alignment	not modelled	98.6	22	Chain: A: PDB Molecule: lmo0741 protein; PDBTitle: gntR family transcriptional regulator from listeria monocytogenes
79	c3cdhB_	Alignment	not modelled	98.6	25	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of the marr family transcriptional regulator spo14532 from silicibacter pomeroyi dss-3
80	c3ecoB_	Alignment	not modelled	98.6	22	PDB header: transcription Chain: B: PDB Molecule: mepr; PDBTitle: crystal structure of mepr, a transcription regulator of the2 staphylococcus aureus multidrug efflux pump mepa
81	c3f3xA_	Alignment	not modelled	98.5	26	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family, putative; PDBTitle: crystal structure of the transcriptional regulator bldr from2 sulfolobus solfataricus
82	d2frha1	Alignment	not modelled	98.5	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
83	c4b8xB_	Alignment	not modelled	98.5	22	PDB header: transcription Chain: B: PDB Molecule: possible marr-transcriptional regulator; PDBTitle: near atomic resolution crystal structure of sco5413, a marr family2 transcriptional regulator from streptomyces coelicolor
84	c3s2wB_	Alignment	not modelled	98.5	18	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
85	c2hs5A_	Alignment	not modelled	98.5	21	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
86	c6c28C_	Alignment	not modelled	98.5	19	PDB header: dna binding protein Chain: C: PDB Molecule: transcriptional regulator, marr family; PDBTitle: transcriptional repressor, cour, bound to p-coumaroyl-coa
87	d2a61a1	Alignment	not modelled	98.5	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
88	d1p4xa2	Alignment	not modelled	98.5	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
89	d1p4xa1	Alignment	not modelled	98.5	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
90	d2fbka1	Alignment	not modelled	98.5	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
91	c4q77B_	Alignment	not modelled	98.5	13	PDB header: dna binding protein Chain: B: PDB Molecule: hth-type transcriptional regulator rot; PDBTitle: crystal structure of rot, a global regulator of virulence genes in2 staphylococcus aureus
92	c2pexA_	Alignment	not modelled	98.5	22	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator ohrr; PDBTitle: structure of reduced c22s ohrr from xanthomonas campestris
93	c3c7jA_	Alignment	not modelled	98.5	21	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
94	c2du9A_	Alignment	not modelled	98.5	15	PDB header: transcription Chain: A: PDB Molecule: predicted transcriptional regulators; PDBTitle: crystal structure of the transcriptional factor from c.glutamicum
95	c3ihuA_	Alignment	not modelled	98.5	14	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
96	c3oopA_	Alignment	not modelled	98.5	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: lin2960 protein; PDBTitle: the structure of a protein with unknown function from listeria innocua2 clp11262
97	c4fx0A_	Alignment	not modelled	98.5	29	PDB header: transcription regulator Chain: A: PDB Molecule: probable transcriptional repressor protein; PDBTitle: crystal structure of m. tuberculosis transcriptional regulator mosr
98	c1p4xA_	Alignment	not modelled	98.5	10	PDB header: transcription Chain: A: PDB Molecule: staphylococcal accessory regulator a homologue; PDBTitle: crystal structure of sars protein from staphylococcus aureus
99	c5jbrA_	Alignment	not modelled	98.4	17	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
100	c3tgnA_	Alignment	not modelled	98.4	19	PDB header: transcription Chain: A: PDB Molecule: adc operon repressor adcr; PDBTitle: crystal structure of the zinc-dependent marr family transcriptional2 regulator adcr in the zn(ii)-bound state
101	c4nb5D_	Alignment	not modelled	98.4	16	PDB header: dna binding protein Chain: D: PDB Molecule: dna binding protein; PDBTitle: crystal structure of a transcriptional regulator
102	c5hsmA_	Alignment	not modelled	98.4	22	PDB header: transcription Chain: A: PDB Molecule: uncharacterized hth-type transcriptional regulator rv2887; PDBTitle: crystal structure of mycobacterium tuberculosis marr family protein2 rv2887
103	c3by6C_	Alignment	not modelled	98.4	12	PDB header: transcription regulator Chain: C: PDB Molecule: predicted transcriptional regulator; PDBTitle: crystal structure of a transcriptional regulator from

					oenococcus oeni
104	d1jhfa1	Alignment	not modelled	98.4	21 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain
105	c4p96B	Alignment	not modelled	98.4	15 PDB header: transcription Chain: B: PDB Molecule: fatty acid metabolism regulator protein; PDBTitle: fadr, fatty acid responsive transcription factor from vibrio cholerae
106	c3r0aB	Alignment	not modelled	98.4	15 PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: possible transcriptional regulator from methanosarcina mazei go1 (gi2 21227196)
107	c6sbsB	Alignment	not modelled	98.4	21 PDB header: transcription Chain: B: PDB Molecule: regulatory protein; PDBTitle: ytra from sulfobolus acidocaldarius, a gntr-family transcription2 factor
108	d1z91a1	Alignment	not modelled	98.4	15 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
109	d1hsja1	Alignment	not modelled	98.4	16 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
110	c3neuA	Alignment	not modelled	98.4	16 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
111	c4hamA	Alignment	not modelled	98.4	19 PDB header: transcription Chain: A: PDB Molecule: lmo2241 protein; PDBTitle: crystal structure of transcriptional antiterminator from listeria2 monocytogenes egd-e
112	c4p9fA	Alignment	not modelled	98.3	23 PDB header: transcription Chain: A: PDB Molecule: hth-type transcriptional regulator mcbr; PDBTitle: e. coli mcbr/yncc
113	d3ctaa1	Alignment	not modelled	98.3	21 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
114	c4hblA	Alignment	not modelled	98.3	18 PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of abfr of staphylococcus epidermidis
115	d1stza1	Alignment	not modelled	98.3	22 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Heat-inducible transcription repressor HrcA, N-terminal domain
116	c6ep3B	Alignment	not modelled	98.3	20 PDB header: transcription Chain: B: PDB Molecule: lmo0651 protein; PDBTitle: lar controls the expression of the listeria monocytogenes agr system2 and mediates virulence.
117	d1okra	Alignment	not modelled	98.2	16 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Penicillinase repressor
118	c3bddD	Alignment	not modelled	98.2	16 PDB header: transcription Chain: D: PDB Molecule: regulatory protein marr; PDBTitle: crystal structure of a putative multiple antibiotic-resistance2 repressor (ssu05_1136) from streptococcus suis 89/1591 at 2.20 a3 resolution
119	c6az6B	Alignment	not modelled	98.2	23 PDB header: transcription Chain: B: PDB Molecule: gntr family transcriptional regulator; PDBTitle: streptococcus agalactiae gntr
120	d1ku9a	Alignment	not modelled	98.2	14 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: DNA-binding protein Mj223