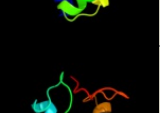
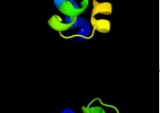


Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P39161
Date	Thu Jan 5 11:58:17 GMT 2012
Unique Job ID	7624b1ff559efee3

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3ihuA_	 Alignment		100.0	21	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
2	c3fmsA_	 Alignment		100.0	22	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, gntr family; PDBTitle: crystal structure of tm0439, a gntr transcriptional2 regulator
3	c2di3A_	 Alignment		100.0	21	PDB header: transcription Chain: A: PDB Molecule: bacterial regulatory proteins, gntr family; PDBTitle: crystal structure of the transcriptional factor cgl29152 from corynebacterium glutamicum
4	c2hs5A_	 Alignment		100.0	25	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
5	c1e2xA_	 Alignment		100.0	18	PDB header: transcriptional regulation Chain: A: PDB Molecule: fatty acid metabolism regulator protein; PDBTitle: fadr, fatty acid responsive transcription factor from e.2 coli
6	c3c7jA_	 Alignment		100.0	22	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
7	c2du9A_	 Alignment		99.8	21	PDB header: transcription Chain: A: PDB Molecule: predicted transcriptional regulators; PDBTitle: crystal structure of the transcriptional factor from c.glutamicum
8	c3neuA_	 Alignment		99.7	18	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
9	c3bwgA_	 Alignment		99.7	26	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
10	c3by6C_	 Alignment		99.7	22	PDB header: transcription regulator Chain: C: PDB Molecule: predicted transcriptional regulator; PDBTitle: crystal structure of a transcriptional regulator from oenococcus oeni
11	c3edpB_	 Alignment		99.7	30	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

12	c3eetA_	Alignment		99.7	32	PDB header: transcription regulator Chain: A: PDB Molecule: putative gntR-family transcriptional regulator; PDBTitle: crystal structure of putative gntR-family transcriptional2 regulator
13	d1v4ra1	Alignment		99.7	30	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
14	c3f8mA_	Alignment		99.7	33	PDB header: transcription Chain: A: PDB Molecule: gntR-family protein transcriptional regulator; PDBTitle: crystal structure of phnf from mycobacterium smegmatis
15	d1hw1a1	Alignment		99.7	35	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
16	d3bwga1	Alignment		99.6	26	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
17	c3ic7A_	Alignment		99.6	22	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
18	d2hs5a1	Alignment		99.6	35	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
19	c3tqnC_	Alignment		99.5	20	PDB header: transcription Chain: C: PDB Molecule: transcriptional regulator, gntR family; PDBTitle: structure of the transcriptional regulator of the gntR family, from2 coxiella burnetii.
20	d1hw1a2	Alignment		99.4	10	Fold: GntR ligand-binding domain-like Superfamily: GntR ligand-binding domain-like Family: GntR ligand-binding domain-like
21	d2hs5a2	Alignment	not modelled	99.4	20	Fold: GntR ligand-binding domain-like Superfamily: GntR ligand-binding domain-like Family: GntR ligand-binding domain-like
22	c3sxB_	Alignment	not modelled	99.3	16	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, gntR family; PDBTitle: zn2 +-bound fcd domain of tm0439, a putative transcriptional regulator
23	c2wv0H_	Alignment	not modelled	99.3	24	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
24	c2h09A_	Alignment	not modelled	98.4	17	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator mntr; PDBTitle: crystal structure of diphtheria toxin repressor like protein2 from e. coli
25	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
26	c2it0A_	Alignment	not modelled	98.2	15	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
27	c3hruA_	Alignment	not modelled	98.2	17	PDB header: transcription Chain: A: PDB Molecule: metalloregulator scar; PDBTitle: crystal structure of scar with bound zn2+
28	c1g3wA_	Alignment	not modelled	98.1	16	PDB header: gene regulation Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: cd-cys102ser dtxr
29	d1biaa1	Alignment	not modelled	97.8	20	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain

						Family: Biotin repressor-like
30	c1fx7C_	Alignment	not modelled	97.7	14	PDB header: signaling protein Chain: C: PDB Molecule: iron-dependent repressor ider; PDBTitle: crystal structure of the iron-dependent regulator (ider)2 from mycobacterium tuberculosis
31	d1stza1	Alignment	not modelled	97.4	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Heat-inducible transcription repressor HrcA, N-terminal domain
32	d1jhfa1	Alignment	not modelled	97.3	42	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain
33	c2x4hA_	Alignment	not modelled	97.3	21	PDB header: transcription Chain: A: PDB Molecule: hypothetical protein sso2273; PDBTitle: crystal structure of the hypothetical protein sso2273 from2 sulfobolus solfataricus
34	d1g3wa1	Alignment	not modelled	97.2	29	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
35	d2isya1	Alignment	not modelled	97.0	27	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
36	c3ctaA_	Alignment	not modelled	97.0	12	PDB header: transferase Chain: A: PDB Molecule: riboflavin kinase; PDBTitle: crystal structure of riboflavin kinase from thermoplasma2 acidophilum
37	c2ev5B_	Alignment	not modelled	96.9	14	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator mntr; PDBTitle: bacillus subtilis manganese transport regulator (mntr)2 bound to calcium
38	d1j5ya1	Alignment	not modelled	96.8	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like
39	c2y75F_	Alignment	not modelled	96.8	18	PDB header: transcription Chain: F: PDB Molecule: hth-type transcriptional regulator cymr; PDBTitle: the structure of cymr (yrzc) the global cysteine regulator2 of b. subtilis
40	c3k69A_	Alignment	not modelled	96.7	14	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
41	c3r0aB_	Alignment	not modelled	96.7	16	PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: possible transcriptional regulator from methanosarcina mazei go1 (gi2 21227196)
42	c3lwfD_	Alignment	not modelled	96.7	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
43	c2ewnA_	Alignment	not modelled	96.7	18	PDB header: ligase, transcription Chain: A: PDB Molecule: bira bifunctional protein; PDBTitle: ecoli biotin repressor with co-repressor analog
44	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
45	d1i5za1	Alignment	not modelled	96.5	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
46	d2hr3a1	Alignment	not modelled	96.1	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
47	d3ctaa1	Alignment	not modelled	96.1	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
48	c2v79B_	Alignment	not modelled	96.0	17	PDB header: dna-binding protein Chain: B: PDB Molecule: dna replication protein dnad; PDBTitle: crystal structure of the n-terminal domain of dnad from2 bacillus subtilis
49	c2oqgA_	Alignment	not modelled	95.9	18	PDB header: transcription Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: arsr-like transcriptional regulator from rhodococcus sp. rha1
50	d1ylfa1	Alignment	not modelled	95.9	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator Rrf2
51	d3broa1	Alignment	not modelled	95.9	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
52	c2rdpA_	Alignment	not modelled	95.9	14	PDB header: transcription Chain: A: PDB Molecule: putative transcriptional regulator marr; PDBTitle: the structure of a marr family protein from bacillus2 stearotherophilus
53	d1ft9a1	Alignment	not modelled	95.9	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
54	c2l4aA_	Alignment	not modelled	95.7	17	PDB header: dna binding protein Chain: A: PDB Molecule: leucine responsive regulatory protein; PDBTitle: nmr structure of the dna-binding domain of e.coli lrp
55	d2d1ha1	Alignment	not modelled	95.6	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like

56	d2h6ca1	Alignment	not modelled	95.6	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
57	d2oz6a1	Alignment	not modelled	95.6	30	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
58	c3nqoB_	Alignment	not modelled	95.6	15	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
59	c1r22B_	Alignment	not modelled	95.5	15	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
60	d2b0la1	Alignment	not modelled	95.5	29	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CodY HTH domain
61	d2ev0a1	Alignment	not modelled	95.5	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
62	c3d0sA_	Alignment	not modelled	95.5	24	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein; PDBTitle: camp receptor protein from m.tuberculosis, camp-free form
63	c3f6oB_	Alignment	not modelled	95.4	11	PDB header: transcription regulator Chain: B: PDB Molecule: probable transcriptional regulator, arsr family PDBTitle: crystal structure of arsr family transcriptional regulator,2 rha00566
64	d2fbha1	Alignment	not modelled	95.4	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
65	c1zybA_	Alignment	not modelled	95.4	19	PDB header: transcription regulator Chain: A: PDB Molecule: transcription regulator, crp family; PDBTitle: crystal structure of transcription regulator from bacteroides2 thetaiotaomicron vpi-5482 at 2.15 a resolution
66	d2a6la1	Alignment	not modelled	95.3	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
67	d1xd7a_	Alignment	not modelled	95.3	20	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator Rrf2
68	d1ku9a_	Alignment	not modelled	95.3	28	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: DNA-binding protein Mj223
69	d1r1ua_	Alignment	not modelled	95.3	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
70	d2coha1	Alignment	not modelled	95.3	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
71	d1sfxa_	Alignment	not modelled	95.2	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like
72	c1ft9A_	Alignment	not modelled	95.2	19	PDB header: transcription Chain: A: PDB Molecule: carbon monoxide oxidation system transcription PDBTitle: structure of the reduced (feii) co-sensing protein from r.2 rubrum
73	c3bj6B_	Alignment	not modelled	95.2	11	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcription regulator sp03579
74	c3bjaA_	Alignment	not modelled	95.1	10	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
75	d1mkma1	Alignment	not modelled	95.1	20	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator IclR, N-terminal domain
76	d2gaua1	Alignment	not modelled	95.1	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
77	c3f6vA_	Alignment	not modelled	95.1	13	PDB header: transcription regulator Chain: A: PDB Molecule: possible transcriptional regulator, arsr family PDBTitle: crystal structure of possible transcriptional regulator for2 arsenical resistance
78	c3iwzB_	Alignment	not modelled	95.1	18	PDB header: transcription Chain: B: PDB Molecule: catabolite activation-like protein; PDBTitle: the c-di-gmp responsive global regulator clp links cell-cell signaling2 to virulence gene expression in xanthomonas campestris
79	c1stzB_	Alignment	not modelled	95.0	11	PDB header: transcription Chain: B: PDB Molecule: heat-inducible transcription repressor hrca homolog; PDBTitle: crystal structure of a hypothetical protein at 2.2 a resolution
80	c2oz6A_	Alignment	not modelled	95.0	30	PDB header: dna binding protein Chain: A: PDB Molecule: virulence factor regulator; PDBTitle: crystal structure of virulence factor regulator from

						pseudomonas2 aeruginosa in complex with camp
81	c3jthA_	Alignment	not modelled	95.0	16	PDB header: transcription Chain: A: PDB Molecule: transcription activator hlyu; PDBTitle: crystal structure of a transcriptional regulator hlyu from2 vibrio vulnificus cmcp6
82	d1lnwa_	Alignment	not modelled	95.0	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
83	c3g3zA_	Alignment	not modelled	95.0	10	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: the structure of nmb1585, a marr family regulator from neisseria2 meningitidis
84	c3e6dA_	Alignment	not modelled	95.0	19	PDB header: transcription regulation Chain: A: PDB Molecule: cyclic nucleotide-binding protein; PDBTitle: crystal structure of cprk c200s
85	c2nyxB_	Alignment	not modelled	94.9	10	PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulatory protein, rv1404; PDBTitle: crystal structure of rv1404 from mycobacterium tuberculosis
86	c2vn2B_	Alignment	not modelled	94.9	26	PDB header: replication Chain: B: PDB Molecule: chromosome replication initiation protein; PDBTitle: crystal structure of the n-terminal domain of dnad protein2 from geobacillus kaustophilus hta426
87	d2bgca1	Alignment	not modelled	94.8	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
88	d1s3ja_	Alignment	not modelled	94.8	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
89	c2fmyB_	Alignment	not modelled	94.8	30	PDB header: dna binding protein Chain: B: PDB Molecule: carbon monoxide oxidation system transcription regulator PDBTitle: co-dependent transcription factor cooa from carboxydotherrus2 hydrogenoformans (imidazole-bound form)
90	c2jscB_	Alignment	not modelled	94.7	19	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator rv1994c/mt2050; PDBTitle: nmr structure of the cadmium metal-sensor cmtr from mycobacterium2 tuberculosis
91	d1r1ta_	Alignment	not modelled	94.7	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
92	d2fxaa1	Alignment	not modelled	94.7	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
93	c3pqkD_	Alignment	not modelled	94.7	14	PDB header: transcription Chain: D: PDB Molecule: biofilm growth-associated repressor; PDBTitle: crystal structure of the transcriptional repressor bigr from xylella2 fastidiosa
94	d1lj9a_	Alignment	not modelled	94.6	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
95	c2gauA_	Alignment	not modelled	94.6	14	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, crp/fnr family; PDBTitle: crystal structure of transcriptional regulator, crp/fnr family from2 porphyromonas gingivalis (apc80792), structural genomics, mcsg
96	d2cg4a1	Alignment	not modelled	94.6	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
97	c3deuB_	Alignment	not modelled	94.6	15	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator slyA; PDBTitle: crystal structure of transcription regulatory protein slyA2 from salmonella typhimurium in complex with salicylate3 ligands
98	d2cyya1	Alignment	not modelled	94.6	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
99	d1ilga1	Alignment	not modelled	94.5	44	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
100	c2kkoB_	Alignment	not modelled	94.5	23	PDB header: dna binding protein Chain: B: PDB Molecule: possible transcriptional regulatory protein PDBTitle: 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.
101	c3oopA_	Alignment	not modelled	94.5	15	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
102	c3cjnA_	Alignment	not modelled	94.5	13	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of transcriptional regulator, marr family, from2 silicibacter pomeroyi
103	c3kcca_	Alignment	not modelled	94.4	25	PDB header: transcription Chain: A: PDB Molecule: catabolite gene activator; PDBTitle: crystal structure of d138l mutant of catabolite gene activator protein
104	c3e97A_	Alignment	not modelled	94.4	15	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, crp/fnr family; PDBTitle: crystal structure of transcriptional regulator of crp/fnr2 family (yp_604437.1) from deinococcus geothermalis dsm3 11300

					at 1.86 a resolution
105	c2zcwA_	Alignment	not modelled	94.4	19 PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, fnr/crp family; PDBTitle: crystal structure of ttha1359, a transcriptional regulator,2 crp/fnr family from thermus thermophilus hb8
106	c2qwwB_	Alignment	not modelled	94.4	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 listeria monocytogenes 4b f2365 at 2.07 a3 resolution
107	c2gxgA_	Alignment	not modelled	94.3	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
108	c3boqB_	Alignment	not modelled	94.3	18 PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcriptional regulator from2 silicibacter pomeroyi
109	d2cfxa1	Alignment	not modelled	94.2	28 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
110	c2w48D_	Alignment	not modelled	94.2	23 PDB header: transcription Chain: D: PDB Molecule: sorbitol operon regulator; PDBTitle: crystal structure of the full-length sorbitol operon2 regulator sorc from klebsiella pneumoniae
111	c3l09B_	Alignment	not modelled	94.1	19 PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: crystal structure of putative transcriptional regulator2 (jann_22dec04_contig27_revised_gene3569) from jannaschia sp. ccs1 at3 2.81 a resolution
112	c3e6mD_	Alignment	not modelled	94.1	6 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.
113	c3dv8A_	Alignment	not modelled	94.1	30 PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, crp/fnr family; PDBTitle: crystal structure of a putative transcriptional regulator of the2 crp/fnr family (eubrec_1222) from eubacterium rectale atcc 33656 at3 2.55 a resolution
114	c1zreB_	Alignment	not modelled	94.0	24 PDB header: gene regulation/dna Chain: B: PDB Molecule: catabolite gene activator; PDBTitle: 4 crystal structures of cap-dna with all base-pair2 substitutions at position 6, cap-[6g;17c]icap38 dna
115	c3kp3B_	Alignment	not modelled	94.0	23 PDB header: transcription regulator/antibiotic Chain: B: PDB Molecule: transcriptional regulator tcarr; PDBTitle: staphylococcus epidermidis in complex with ampicillin
116	c2bgcA_	Alignment	not modelled	93.9	10 PDB header: transcription Chain: A: PDB Molecule: prfa; PDBTitle: prfa-g145s, a constitutive active mutant of the2 transcriptional regulator in l.monocytogenes
117	c3k2zA_	Alignment	not modelled	93.7	38 PDB header: hydrolase Chain: A: PDB Molecule: lexa repressor; PDBTitle: crystal structure of a lexa protein from thermotoga maritima
118	c2zdbA_	Alignment	not modelled	93.7	25 PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, crp family; PDBTitle: crystal structure of tthb099, a transcriptional regulator crp family2 from thermus thermophilus hb8
119	d3e5ua1	Alignment	not modelled	93.7	22 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
120	c2ia0A_	Alignment	not modelled	93.6	23 PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative hth-type transcriptional regulator pf0864; PDBTitle: transcriptional regulatory protein pf0864 from pyrococcus furiosus a2 member-of the asnc family (pf0864)