



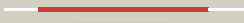










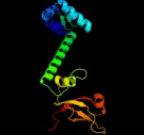



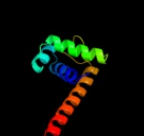













Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P77746
Date	Thu Jan 5 12:32:26 GMT 2012
Unique Job ID	6a1a53f6842c3224

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2esnC_	 Alignment		100.0	20	PDB header: structural genomics, unknown function Chain: C: PDB Molecule: probable transcriptional regulator; PDBTitle: the crystal structure of probable transcriptional regulator pa04772 from pseudomonas aeruginosa
2	c3hhgF_	 Alignment		100.0	15	PDB header: transcription regulator Chain: F: PDB Molecule: transcriptional regulator, lysr family; PDBTitle: structure of crga, a lysr-type transcriptional regulator from2 neisseria meningitidis.
3	c3fzjC_	 Alignment		100.0	16	PDB header: transcription regulator Chain: C: PDB Molecule: lysr-type regulator of tsambcd; PDBTitle: tsar low resolution crystal structure, tetragonal form
4	c3tlbB_	 Alignment		100.0	13	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator, lysr family; PDBTitle: crystal structure of the full-length aphb n100e variant
5	cliz1B_	 Alignment		100.0	13	PDB header: dna binding protein Chain: B: PDB Molecule: lysr-type regulatory protein; PDBTitle: crystal structure of cbnr, a lysr family transcriptional2 regulator
6	c3fzvC_	 Alignment		100.0	14	PDB header: transcription regulator Chain: C: PDB Molecule: probable transcriptional regulator; PDBTitle: crystal structure of pa01 protein, putative lysr family2 transcriptional regulator from pseudomonas aeruginosa
7	c3ispA_	 Alignment		100.0	16	PDB header: transcription Chain: A: PDB Molecule: hth-type transcriptional regulator PDBTitle: crystal structure of argp from mycobacterium tuberculosis
8	c1b9nA_	 Alignment		99.9	14	PDB header: transcription Chain: A: PDB Molecule: protein (mode); PDBTitle: regulator from escherichia coli
9	d2esna1	 Alignment		99.9	36	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LysR-like transcriptional regulators
10	c3m1eA_	 Alignment		99.9	23	PDB header: transcription regulator Chain: A: PDB Molecule: hth-type transcriptional regulator benm; PDBTitle: crystal structure of benm_dbd
11	dlutha_	 Alignment		99.9	15	Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like

12	d1b9ma1	Alignment		99.9	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: N-terminal domain of molybdate-dependent transcriptional regulator ModE
13	c2uyeA	Alignment		99.9	15	PDB header: transcription Chain: A: PDB Molecule: regulatory protein; PDBTitle: double mutant y110s,f111v dntr from burkholderia sp. strain2 dnt in complex with thiocyanate
14	c3oxnD	Alignment		99.8	10	PDB header: transcription regulator Chain: D: PDB Molecule: putative transcriptional regulator, lysr family; PDBTitle: the crystal structure of a putative transcriptional regulator from2 vibrio parahaemolyticus
15	dlixca1	Alignment		99.8	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LysR-like transcriptional regulators
16	d2esna2	Alignment		99.8	13	Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
17	c2hxrA	Alignment		99.8	18	PDB header: transcription Chain: A: PDB Molecule: hth-type transcriptional regulator cynr; PDBTitle: structure of the ligand binding domain of e. coli cynr, a2 transcriptional regulator controlling cyanate metabolism
18	d2fyia1	Alignment		99.8	13	Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
19	c3jv9B	Alignment		99.8	17	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator, lysr family; PDBTitle: the structure of a reduced form of oxyr from n. meningitidis
20	c3ho7A	Alignment		99.8	10	PDB header: transcription Chain: A: PDB Molecule: oxyr; PDBTitle: crystal structure of oxyr from porphyromonas gingivalis
21	d1i6aa	Alignment	not modelled	99.8	16	Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
22	c1al3A	Alignment	not modelled	99.8	10	PDB header: transcription regulation Chain: A: PDB Molecule: cys regulon transcriptional activator cysb; PDBTitle: cofactor binding fragment of cysb from klebsiella aerogenes
23	d1al3a	Alignment	not modelled	99.8	10	Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
24	c2ijlB	Alignment	not modelled	99.7	18	PDB header: transcription Chain: B: PDB Molecule: molybdenum-binding transcriptional repressor; PDBTitle: the structure of a putative mode from agrobacterium tumefaciens.
25	c3kosA	Alignment	not modelled	99.7	9	PDB header: transcription Chain: A: PDB Molecule: hth-type transcriptional activator ampr; PDBTitle: structure of the ampr effector binding domain from citrobacter2 freundii
26	c3fd3A	Alignment	not modelled	99.7	9	PDB header: transcription regulator Chain: A: PDB Molecule: chromosome replication initiation inhibitor protein; PDBTitle: structure of the c-terminal domains of a lysr family protein from2 agrobacterium tumefaciens str. c58.
27	c3hhfB	Alignment	not modelled	99.7	11	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, lysr family; PDBTitle: structure of crga regulatory domain, a lysr-type transcriptional2 regulator from neisseria meningitidis.
						PDB header: transcription Chain: G: PDB Molecule: probable transcriptional regulator, lysr

28	c2ql3G_	Alignment	not modelled	99.7	10	family protein; PDBTitle: crystal structure of the c-terminal domain of a probable lysr family2 transcriptional regulator from rhodococcus sp. rha1
29	d1ixca2	Alignment	not modelled	99.7	9	Fold: Periplasmic binding protein-like II Superfamily: Periplasmic binding protein-like II Family: Phosphate binding protein-like
30	c2h9qC_	Alignment	not modelled	99.7	15	PDB header: transcription Chain: C: PDB Molecule: hth-type transcriptional regulator catm; PDBTitle: crystal structure of the effector binding domain of a catm2 variant (r156h)
31	c3n6uA_	Alignment	not modelled	99.7	11	PDB header: transcription regulator Chain: A: PDB Molecule: lysr type regulator of tsambcd; PDBTitle: effector binding domain of tsar in complex with its inducer p-2 toluenesulfonate
32	c2f7cA_	Alignment	not modelled	99.7	15	PDB header: gene regulation Chain: A: PDB Molecule: hth-type transcriptional regulator catm; PDBTitle: catm effector binding domain with its effector cis,cis-muconate
33	c3mz1D_	Alignment	not modelled	99.6	7	PDB header: transcription regulator Chain: D: PDB Molecule: putative transcriptional regulator; PDBTitle: the crystal structure of a possible transcription regulator protein2 from sinorhizobium meliloti 1021
34	c2h9bB_	Alignment	not modelled	99.6	13	PDB header: transcription Chain: B: PDB Molecule: hth-type transcriptional regulator benm; PDBTitle: crystal structure of the effector binding domain of a benm variant2 (benm r156h/t157s)
35	c2f78A_	Alignment	not modelled	99.6	12	PDB header: gene regulation Chain: A: PDB Molecule: hth-type transcriptional regulator benm; PDBTitle: benm effector binding domain with its effector benzoate
36	c2qsxB_	Alignment	not modelled	99.5	13	PDB header: transcription Chain: B: PDB Molecule: putative transcriptional regulator, lysr family; PDBTitle: crystal structure of putative transcriptional regulator lysr from2 vibrio parahaemolyticus
37	c3onmB_	Alignment	not modelled	99.4	15	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator lrrha; PDBTitle: effector binding domain of lysr-type transcription factor rovm from y.2 pseudotuberculosis
38	c2x4hA_	Alignment	not modelled	98.1	22	PDB header: transcription Chain: A: PDB Molecule: hypothetical protein sso2273; PDBTitle: crystal structure of the hypothetical protein sso2273 from2 sulfolobus solfataricus
39	c3ctaA_	Alignment	not modelled	98.0	18	PDB header: transferase Chain: A: PDB Molecule: riboflavin kinase; PDBTitle: crystal structure of riboflavin kinase from thermoplasma2 acidophilum
40	c3boqB_	Alignment	not modelled	98.0	19	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcriptional regulator from2 silicibacter pomeroyi
41	c2fa5B_	Alignment	not modelled	97.8	18	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
42	d2fbha1	Alignment	not modelled	97.8	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
43	c3bpxB_	Alignment	not modelled	97.8	12	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator; PDBTitle: crystal structure of marr
44	c2nnnB_	Alignment	not modelled	97.8	6	PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulator; PDBTitle: crystal structure of probable transcriptional regulator from2 pseudomonas aeruginosa
45	c2gxgA_	Alignment	not modelled	97.8	18	PDB header: transcription Chain: A: PDB Molecule: 146aa long hypothetical transcriptional regulator; PDBTitle: crystal structure of emrr homolog from hyperthermophilic archaea2 sulfolobus tokodaii strain7
46	c3f3xA_	Alignment	not modelled	97.8	21	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family, putative; PDBTitle: crystal structure of the transcriptional regulator bldr2 from sulfolobus solfataricus
47	c3nrvC_	Alignment	not modelled	97.8	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
48	d1lnwa_	Alignment	not modelled	97.7	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
49	c2nyxB_	Alignment	not modelled	97.7	18	PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulatory protein, rv1404; PDBTitle: crystal structure of rv1404 from mycobacterium tuberculosis
50	c2h09A_	Alignment	not modelled	97.7	14	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator mntr; PDBTitle: crystal structure of diphtheria toxin repressor like protein2 from e. coli
51	c3fm5D_	Alignment	not modelled	97.7	17	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
52	c1f5tA_	Alignment	not modelled	97.7	20	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
53	c3g3zA_	Alignment	not modelled	97.7	16	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: the structure of nmb1585, a marr family regulator from neisseria2 meningitidis
54	d2etha1	Alignment	not modelled	97.6	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
55	d1lj9a_	Alignment	not modelled	97.6	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
56	d2bv6a1	Alignment	not modelled	97.6	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
57	c3cdhB_	Alignment	not modelled	97.6	13	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
58	c3ecoB_	Alignment	not modelled	97.6	27	PDB header: transcription Chain: B: PDB Molecule: mepr; PDBTitle: crystal structure of mepr, a transcription regulator of the2 staphylococcus aureus multidrug efflux pump mepa
59	c2rdpA_	Alignment	not modelled	97.6	10	PDB header: transcription Chain: A: PDB Molecule: putative transcriptional regulator marr; PDBTitle: the structure of a marr family protein from bacillus2 stearothermophilus
60	d2fxaa1	Alignment	not modelled	97.6	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
61	d1jgsa_	Alignment	not modelled	97.6	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
62	c3hruA_	Alignment	not modelled	97.6	25	PDB header: transcription Chain: A: PDB Molecule: metalloregulator scar; PDBTitle: crystal structure of scar with bound zn2+
63	c3cjnA_	Alignment	not modelled	97.6	14	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of transcriptional regulator, marr family, from2 silicibacter pomeroyi
64	c2pexA_	Alignment	not modelled	97.5	22	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator ohrr; PDBTitle: structure of reduced c22s ohrr from xanthomonas campestris
65	c3e6mD_	Alignment	not modelled	97.5	12	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.
66	c1g3wA_	Alignment	not modelled	97.5	20	PDB header: gene regulation Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: cd-cys102ser dtxr
67	d1p4xa1	Alignment	not modelled	97.5	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
68	c3hrmA_	Alignment	not modelled	97.5	15	PDB header: transcription regulator Chain: A: PDB Molecule: hth-type transcriptional regulator sarz; PDBTitle: crystal structure of staphylococcus aureus protein sarz in sulfenic2 acid form
69	c2fxaB_	Alignment	not modelled	97.5	18	PDB header: transcription Chain: B: PDB Molecule: protease production regulatory protein hpr; PDBTitle: structure of the protease production regulatory protein hpr from2 bacillus subtilis.
70	c3nqoB_	Alignment	not modelled	97.5	9	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
71	d1ub9a_	Alignment	not modelled	97.5	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
72	c3bjaA_	Alignment	not modelled	97.5	13	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
73	c1fx7C_	Alignment	not modelled	97.4	21	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
74	c3k0lA_	Alignment	not modelled	97.4	22	PDB header: transcription regulator Chain: A: PDB Molecule: repressor protein; PDBTitle: crystal structure of putative marr family transcriptional2 regulator from acinetobacter sp. adp
75	c2it0A_	Alignment	not modelled	97.4	21	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
76	d1s3ja_	Alignment	not modelled	97.4	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
77	c3bj6B_	Alignment	not modelled	97.4	13	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcription regulator sp03579
						Fold: DNA/RNA-binding 3-helical bundle

78	d3broa1	Alignment	not modelled	97.3	10	Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
79	d2fbia1	Alignment	not modelled	97.3	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
80	d2frha1	Alignment	not modelled	97.3	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
81	d2fbka1	Alignment	not modelled	97.3	20	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
82	c3oopA	Alignment	not modelled	97.3	14	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
83	c3kp3B	Alignment	not modelled	97.3	12	PDB header: transcription regulator/antibiotic Chain: B: PDB Molecule: transcriptional regulator tcar; PDBTitle: staphylococcus epidermidis in complex with ampicillin
84	d2hr3a1	Alignment	not modelled	97.3	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
85	c3s2wB	Alignment	not modelled	97.2	13	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
86	d1p4xa2	Alignment	not modelled	97.2	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
87	d3ctaa1	Alignment	not modelled	97.1	20	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
88	d2a61a1	Alignment	not modelled	97.1	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
89	d3deua1	Alignment	not modelled	97.1	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
90	c3deuB	Alignment	not modelled	97.0	18	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
91	d1z91a1	Alignment	not modelled	97.0	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
92	c3jw4C	Alignment	not modelled	97.0	17	PDB header: transcription regulator Chain: C: PDB Molecule: transcriptional regulator, marr/emrr family; PDBTitle: the structure of a putative marr family transcriptional regulator from2 clostridium acetobutylicum
93	c1p4xA	Alignment	not modelled	97.0	12	PDB header: transcription Chain: A: PDB Molecule: staphylococcal accessory regulator a homologue; PDBTitle: crystal structure of sars protein from staphylococcus aureus
94	c2qwwB	Alignment	not modelled	96.9	15	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
95	d1hsja1	Alignment	not modelled	96.9	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
96	c2ev5B	Alignment	not modelled	96.9	25	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator mntr; PDBTitle: bacillus subtilis manganese transport regulator (mntr)2 bound to calcium
97	c1r22B	Alignment	not modelled	96.8	21	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
98	c2oqgA	Alignment	not modelled	96.7	16	PDB header: transcription Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: arsr-like transcriptional regulator from rhodococcus sp. rha1
99	d1rlua	Alignment	not modelled	96.6	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
100	c2kkoB	Alignment	not modelled	96.6	15	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	c3cuoB	Alignment	not modelled	96.6	18	PDB header: transcription regulator Chain: B: PDB Molecule: uncharacterized hth-type transcriptional regulator ygav; PDBTitle: crystal structure of the predicted dna-binding transcriptional2 regulator from e. coli
102	c2zkzC	Alignment	not modelled	96.6	21	PDB header: transcription Chain: C: PDB Molecule: transcriptional repressor pagr; PDBTitle: crystal structure of the transcriptional repressor pagr of

						<p>bacillus2 anthracis</p> <p>PDB header:transcription regulator</p> <p>Chain: B: PDB Molecule:putative transcriptional regulator;</p> <p>PDBTitle: possible transcriptional regulator from methanosarcina mazei go1 (gi2 21227196)</p>
103	c3r0aB_	Alignment	not modelled	96.5	13	<p>PDB header:transcription</p> <p>Chain: A: PDB Molecule:adc operon repressor adcr;</p> <p>PDBTitle: crystal structure of the zinc-dependent marr family transcriptional2 regulator adcr in the zn(ii)-bound state</p>
104	c3tgnA_	Alignment	not modelled	96.3	14	<p>PDB header:structural genomics, unknown function</p> <p>Chain: B: PDB Molecule:regulator of polyketide synthase expression;</p> <p>PDBTitle: crystal structure of regulator of polyketide synthase expression2 bad_0249 from bifidobacterium adolescentis</p>
105	c3onqB_	Alignment	not modelled	96.3	16	<p>PDB header:transcription regulator</p> <p>Chain: B: PDB Molecule:probable transcriptional regulator, arsr family</p> <p>PDBTitle: crystal structure of arsr family transcriptional regulator,2 rha00566</p>
106	c3f6oB_	Alignment	not modelled	96.2	11	<p>Fold:DNA/RNA-binding 3-helical bundle</p> <p>Superfamily:"Winged helix" DNA-binding domain</p> <p>Family:ArsR-like transcriptional regulators</p>
107	d1r1ta_	Alignment	not modelled	96.1	20	<p>Fold:DNA/RNA-binding 3-helical bundle</p> <p>Superfamily:"Winged helix" DNA-binding domain</p> <p>Family:Archaean DNA-binding protein</p>
108	d1r7ja_	Alignment	not modelled	96.1	13	<p>Fold:DNA/RNA-binding 3-helical bundle</p> <p>Superfamily:"Winged helix" DNA-binding domain</p> <p>Family:Archaean DNA-binding protein</p>
109	d2f2ea1	Alignment	not modelled	96.0	15	<p>Fold:DNA/RNA-binding 3-helical bundle</p> <p>Superfamily:"Winged helix" DNA-binding domain</p> <p>Family:HxlR-like</p>
110	c2dbbA_	Alignment	not modelled	95.9	20	<p>PDB header:transcriptional regulator</p> <p>Chain: A: PDB Molecule:putative hth-type transcriptional regulator ph0061;</p> <p>PDBTitle: crystal structure of ph0061</p>
111	d1sfxa_	Alignment	not modelled	95.9	18	<p>Fold:DNA/RNA-binding 3-helical bundle</p> <p>Superfamily:"Winged helix" DNA-binding domain</p> <p>Family:TrmB-like</p>
112	d1biaa1	Alignment	not modelled	95.8	22	<p>Fold:DNA/RNA-binding 3-helical bundle</p> <p>Superfamily:"Winged helix" DNA-binding domain</p> <p>Family:Biotin repressor-like</p>
113	c2wteB_	Alignment	not modelled	95.7	12	<p>PDB header:antiviral protein</p> <p>Chain: B: PDB Molecule:csa3;</p> <p>PDBTitle: the structure of the crispr-associated protein, csa3, from2 sulfobolus solfataricus at 1.8 angstrom resolution.</p>
114	c3jthA_	Alignment	not modelled	95.7	18	<p>PDB header:transcription</p> <p>Chain: A: PDB Molecule:transcription activator hlyu;</p> <p>PDBTitle: crystal structure of a transcriptional regulator hlyu from2 vibrio vulnificus cmcp6</p>
115	d1a04a1	Alignment	not modelled	95.7	22	<p>Fold:DNA/RNA-binding 3-helical bundle</p> <p>Superfamily:C-terminal effector domain of the bipartite response regulators</p> <p>Family:GerE-like (LuxR/UhpA family of transcriptional regulators)</p>
116	c3bddD_	Alignment	not modelled	95.6	21	<p>PDB header:transcription</p> <p>Chain: D: PDB Molecule:regulatory protein marr;</p> <p>PDBTitle: crystal structure of a putative multiple antibiotic-resistance2 repressor (ssu05_1136) from streptococcus suis 89/1591 at 2.20 a3 resolution</p>
117	c3f6vA_	Alignment	not modelled	95.6	10	<p>PDB header:transcription regulator</p> <p>Chain: A: PDB Molecule:possible transcriptional regulator, arsr family</p> <p>PDBTitle: crystal structure of possible transcriptional regulator for2 arsenical resistance</p>
118	c2ewnA_	Alignment	not modelled	95.6	21	<p>PDB header:ligase, transcription</p> <p>Chain: A: PDB Molecule:bira bifunctional protein;</p> <p>PDBTitle: ecoli biotin repressor with co-repressor analog</p>
119	d2cg4a1	Alignment	not modelled	95.4	12	<p>Fold:DNA/RNA-binding 3-helical bundle</p> <p>Superfamily:"Winged helix" DNA-binding domain</p> <p>Family:Lrp/AsnC-like transcriptional regulator N-terminal domain</p>
120	d1u2wa1	Alignment	not modelled	95.4	28	<p>Fold:DNA/RNA-binding 3-helical bundle</p> <p>Superfamily:"Winged helix" DNA-binding domain</p> <p>Family:ArsR-like transcriptional regulators</p>