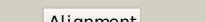
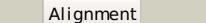
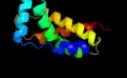
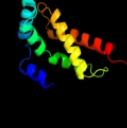
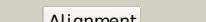
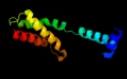


Phyre²

Email	i.a.kelley@imperial.ac.uk
Description	P0AGB3
Date	Thu Jan 5 11:28:39 GMT 2012
Unique Job ID	512bff9a879987a3

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2a6eF_			100.0	26	PDB header: transferase Chain: F; PDB Molecule: rna polymerase sigma factor rpod; PDBTitle: crystal structure of the t. thermophilus rna polymerase2 holoenzyme
2	c1l9uH_			100.0	27	PDB header: transcription Chain: H; PDB Molecule: sigma factor siga; PDBTitle: thermus aquaticus rna polymerase holoenzyme at 4 a2 resolution
3	c3iydF_			100.0	25	PDB header: transcription/dna Chain: F; PDB Molecule: rna polymerase sigma factor rpod; PDBTitle: three-dimensional em structure of an intact activator-dependent2 transcription initiation complex
4	c1ku2A_			100.0	28	PDB header: transcription Chain: A; PDB Molecule: sigma factor siga; PDBTitle: crystal structure of thermus aquaticus rna polymerase sigma2 subunit fragment containing regions 1.2 to 3.1
5	c1rp3G_			100.0	24	PDB header: transcription Chain: G; PDB Molecule: rna polymerase sigma factor sigma-28 (flia); PDBTitle: cocrystal structure of the flagellar sigma/anti-sigma2 complex, sigma-28/flgm
6	d1ku2a2			100.0	45	Fold: Sigma2 domain of RNA polymerase sigma factors Superfamily: Sigma2 domain of RNA polymerase sigma factors Family: Sigma2 domain of RNA polymerase sigma factors
7	d1smyf3			100.0	36	Fold: Sigma2 domain of RNA polymerase sigma factors Superfamily: Sigma2 domain of RNA polymerase sigma factors Family: Sigma2 domain of RNA polymerase sigma factors
8	d1siga_			99.9	31	Fold: Sigma2 domain of RNA polymerase sigma factors Superfamily: Sigma2 domain of RNA polymerase sigma factors Family: Sigma2 domain of RNA polymerase sigma factors
9	c1or7A_			99.9	21	PDB header: transcription Chain: A; PDB Molecule: rna polymerase sigma-e factor; PDBTitle: crystal structure of escherichia coli sigmae with the cytoplasmic2 domain of its anti-sigma rsea
10	c2q1zA_			99.9	20	PDB header: transcription Chain: A; PDB Molecule: rpoec, ecf sige; PDBTitle: crystal structure of rhodobacter sphaeroides sige in complex with the2 anti-sigma chrr
11	d1rp3a3			99.8	30	Fold: Sigma2 domain of RNA polymerase sigma factors Superfamily: Sigma2 domain of RNA polymerase sigma factors Family: Sigma2 domain of RNA polymerase sigma factors

12	c3mzyA			99.7	22	PDB header: rna binding protein Chain: A; PDB Molecule: rna polymerase sigma-h factor; PDB Title: the crystal structure of the rna polymerase sigma-h factor from <i>2 fusobacterium nucleatum</i> to 2.5 \AA	
13	d1or7b2			99.4	19	Fold: Sigma2 domain of RNA polymerase sigma factors Superfamily: Sigma2 domain of RNA polymerase sigma factors Family: Sigma2 domain of RNA polymerase sigma factors	
14	d1or7a2			99.4	19	Fold: Sigma2 domain of RNA polymerase sigma factors Superfamily: Sigma2 domain of RNA polymerase sigma factors Family: Sigma2 domain of RNA polymerase sigma factors	
15	c3t72o			99.4	31	PDB header: transcription/dna Chain: O; PDB Molecule: pho box dna (strand 1); PDB Title: phob(e)-sigma70(4)-(rnap-beta-flap-tip-helix)-dna transcription2 activation sub-complex	
16	d1smvf2			99.3	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain	
17	c3hugA			99.3	15	PDB header: transcription/membrane protein Chain: A; PDB Molecule: rna polymerase sigma factor; PDB Title: crystal structure of mycobacterium tuberculosis anti-sigma factor rslA2 in complex with -35 promoter binding domain of sigI	
18	d1rp3a2			99.3	24	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain	
19	d1ku7a			99.3	34	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain	
20	d1ku3a			99.2	34	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain	
21	c2o7gA		Alignment	not modelled	99.2	18	PDB header: transcription Chain: A; PDB Molecule: probable rna polymerase sigma-c factor; PDB Title: crystal structure of the pribnow box recognition region of sigc from <i>mycobacterium tuberculosis</i>
22	d1tta		Alignment	not modelled	99.2	31	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
23	d1or7a1		Alignment	not modelled	99.1	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
24	d2p7vb1		Alignment	not modelled	99.1	33	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
25	d1xsva		Alignment	not modelled	98.9	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: YlxM/p13-like
26	c2o8xA		Alignment	not modelled	98.9	14	PDB header: transcription Chain: A; PDB Molecule: probable rna polymerase sigma-c factor; PDB Title: crystal structure of the "-35 element" promoter recognition domain of <i>2 mycobacterium tuberculosis</i> sigc
27	d1s7oa		Alignment	not modelled	98.9	28	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: YlxM/p13-like
28	d1h3la		Alignment	not modelled	98.7	14	Fold: Sigma2 domain of RNA polymerase sigma factors Superfamily: Sigma2 domain of RNA polymerase sigma factors Family: Sigma2 domain of RNA polymerase sigma factors
						PDB header: signalling protein	

29	c3n0rA	Alignment	not modelled	98.3	15	Chain: A: PDB Molecule: response regulator; PDBTitle: structure of the phyr stress response regulator at 1.25 angstrom2 resolution Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: GerE-like (LuxR/UhpA family of transcriptional regulators)
30	d1yioa1	Alignment	not modelled	98.1	20	 Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: GerE-like (LuxR/UhpA family of transcriptional regulators)
31	d1l0oc	Alignment	not modelled	98.1	18	 Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
32	c1l0oC	Alignment	not modelled	98.1	18	 PDB header: protein binding Chain: C: PDB Molecule: sigma factor; PDBTitle: crystal structure of the bacillus stearothermophilus anti-2 sigma factor spoIab with the sporulation sigma factor3 sigmaf
33	c3qp5C	Alignment	not modelled	98.1	20	 PDB header: transcription Chain: C: PDB Molecule: cvir transcriptional regulator; PDBTitle: crystal structure of cvir bound to antagonist chlorolactone (cl)
34	c2qo0A	Alignment	not modelled	97.9	24	 PDB header: transcription Chain: A: PDB Molecule: probable transcriptional activator protein trar; PDBTitle: crystal structure of an anti-activation complex in bacterial quorum2 sensing
35	c3sztB	Alignment	not modelled	97.9	23	 PDB header: transcription Chain: B: PDB Molecule: quorum-sensing control repressor; PDBTitle: quorum sensing control repressor, qscr, bound to n-3-oxo-dodecanoyl-l-2 homoserine lactone
36	c1h0mD	Alignment	not modelled	97.9	30	 PDB header: transcription/dna Chain: D: PDB Molecule: transcriptional activator protein trar; PDBTitle: three-dimensional structure of the quorum sensing protein2 trar bound to its autoinducer and to its target dna
37	c1x3uA	Alignment	not modelled	97.9	23	 PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein fixj; PDBTitle: solution structure of the c-terminal transcriptional activator domain of fixj from sinorhizobium meliloti
38	c1zljE	Alignment	not modelled	97.9	22	 PDB header: transcription Chain: E: PDB Molecule: dormancy survival regulator; PDBTitle: crystal structure of the mycobacterium tuberculosis hypoxic2 response regulator dosr c-terminal domain
39	d1a04a1	Alignment	not modelled	97.8	22	 Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: GerE-like (LuxR/UhpA family of transcriptional regulators)
40	c2krfB	Alignment	not modelled	97.7	26	 PDB header: transcription Chain: B: PDB Molecule: transcriptional regulatory protein coma; PDBTitle: nmr solution structure of the dna binding domain of competence protein2 a
41	d1ku2a1	Alignment	not modelled	97.6	12	 Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma3 domain
42	d1fsea	Alignment	not modelled	97.6	33	 Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: GerE-like (LuxR/UhpA family of transcriptional regulators)
43	d1l3la1	Alignment	not modelled	97.6	30	 Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: GerE-like (LuxR/UhpA family of transcriptional regulators)
44	c2rnjA	Alignment	not modelled	97.6	24	 PDB header: transcription Chain: A: PDB Molecule: response regulator vrar; PDBTitle: nmr structure of the s. aureus vrar dna binding domain
45	d1p4wa	Alignment	not modelled	97.5	23	 Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: GerE-like (LuxR/UhpA family of transcriptional regulators)
46	c3cloC	Alignment	not modelled	97.5	28	 PDB header: transcription regulator Chain: C: PDB Molecule: transcriptional regulator; PDBTitle: crystal structure of putative transcriptional regulator containing a2 luxr dna binding domain (np_811094.1) from bacteroides3 thetaiotaomicron vpi-5482 at 2.04 a resolution
47	c3c3wb	Alignment	not modelled	97.4	22	 PDB header: transcription Chain: B: PDB Molecule: two component transcriptional regulatory protein devr; PDBTitle: crystal structure of the mycobacterium tuberculosis hypoxic response2 regulator dosr
48	d1rp3a1	Alignment	not modelled	97.4	11	 Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma3 domain
49	c3klnC	Alignment	not modelled	97.3	34	 PDB header: transcription Chain: C: PDB Molecule: transcriptional regulator, luxr family; PDBTitle: vibrio cholerae vpst
50	c1zn2A	Alignment	not modelled	97.1	18	 PDB header: transcription regulator Chain: A: PDB Molecule: response regulatory protein; PDBTitle: low resolution structure of response regulator sty
51	c2jpcA	Alignment	not modelled	97.0	23	 PDB header: dna binding protein Chain: A: PDB Molecule: ssrb; PDBTitle: ssrb dna binding protein
52	c1rnIA	Alignment	not modelled	96.9	23	 PDB header: signal transduction protein Chain: A: PDB Molecule: nitrate/nitrite response regulator protein narI; PDBTitle: the nitrate/nitrite response regulator protein narI from narI
53	c1u78A	Alignment	not modelled	96.5	21	 PDB header: dna binding protein/dna Chain: A: PDB Molecule: transposable element tc3 transposase; PDBTitle: structure of the bipartite dna-binding domain of tc32 transposase bound to transposon dna
						 Fold: DNA/RNA-binding 3-helical bundle

54	d2d1ha1	Alignment	not modelled	96.3	17	Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like
55	c3r0aB_	Alignment	not modelled	96.1	11	PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: possible transcriptional regulator from methanosaerina mazei go1 (gi2 21227196)
56	c3nqoB_	Alignment	not modelled	95.7	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
57	d3broa1	Alignment	not modelled	95.5	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
58	d2cg4a1	Alignment	not modelled	95.4	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
59	d2cfxa1	Alignment	not modelled	95.4	20	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
60	d1ku9a_	Alignment	not modelled	95.4	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: DNA-binding protein Mj223
61	c2vbzA_	Alignment	not modelled	95.4	30	PDB header: dna-binding protein Chain: A: PDB Molecule: transcriptional regulatory protein; PDBTitle: feast or famine regulatory protein (rv3291c)from m.2 tuberculosis complexed with l-tryptophan
62	d1jhfa1	Alignment	not modelled	95.0	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain
63	c2dbbA_	Alignment	not modelled	95.0	20	PDB header: transcriptional regulator Chain: A: PDB Molecule: putative hth-type transcriptional regulator ph0061; PDBTitle: crystal structure of ph0061
64	d1pdnc_	Alignment	not modelled	95.0	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Paired domain
65	c6paxA_	Alignment	not modelled	94.9	13	PDB header: gene regulation/dna Chain: A: PDB Molecule: homeobox protein pax-6; PDBTitle: crystal structure of the human pax-6 paired domain-dna2 complex reveals a general model for pax protein-dna3 interactions
66	c214aA_	Alignment	not modelled	94.9	20	PDB header: dna binding protein Chain: A: PDB Molecule: leucine responsive regulatory protein; PDBTitle: nmr structure of the dna-binding domain of e.coli Irp
67	c2cg4B_	Alignment	not modelled	94.8	23	PDB header: transcription Chain: B: PDB Molecule: regulatory protein asnc; PDBTitle: structure of e.coli asnc
68	c2ia0A_	Alignment	not modelled	94.8	20	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)
69	c2cfxD_	Alignment	not modelled	94.7	23	PDB header: transcription Chain: D: PDB Molecule: hth-type transcriptional regulator lrpc; PDBTitle: structure of b.subtilis lrpc
70	c2p6tH_	Alignment	not modelled	94.6	20	PDB header: transcription Chain: H: PDB Molecule: transcriptional regulator, Irp/asnc family; PDBTitle: crystal structure of transcriptional regulator nmb0573 and l-leucine2 complex from neisseria meningitidis
71	d1l1ga1	Alignment	not modelled	94.6	30	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
72	d2cyya1	Alignment	not modelled	94.6	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
73	c2e7xA_	Alignment	not modelled	94.5	23	PDB header: transcription regulator Chain: A: PDB Molecule: 150aa long hypothetical transcriptional regulator; PDBTitle: structure of the Irp/asnc like transcriptional regulator from2 sulfolobus tokodaii 7 complexed with its cognate ligand
74	c2x4hA_	Alignment	not modelled	94.3	13	PDB header: transcription Chain: A: PDB Molecule: hypothetical protein sso2273; PDBTitle: crystal structure of the hypothetical protein sso2273 from2 sulfolobus solfataricus
75	c2wteB_	Alignment	not modelled	94.2	11	PDB header: antiviral protein Chain: B: PDB Molecule: csa3; PDBTitle: the structure of the crispr-associated protein, csa3, from2 sulfolobus solfataricus at 1.8 angstrom resolution.
76	c1i1gA_	Alignment	not modelled	94.2	30	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator lrpa; PDBTitle: crystal structure of the Irp-like transcriptional regulator from the2 archaeon pyrococcus furiosus
77	d1stza1	Alignment	not modelled	94.2	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Heat-inducible transcription repressor HrcA, N-terminal domain
78	c2e1cA_	Alignment	not modelled	94.1	23	PDB header: transcription/dna Chain: A: PDB Molecule: putative hth-type transcriptional regulator ph1519; PDBTitle: structure of putative hth-type transcriptional regulator ph1519/dna2 complex
79	c3iwfA_	Alignment	not modelled	94.0	15	PDB header: transcription regulator Chain: A: PDB Molecule: transcription regulator rpir family; PDBTitle: the crystal structure of the n-terminal domain of a rpir2

						transcriptional regulator from staphylococcus epidermidis to 1.4a
80	c3hyIA	Alignment	not modelled	94.0	14	PDB header: transcription regulator Chain: A: PDB Molecule: protein duf199/whia; PDBTitle: crystal structure of full-length duf199/whia from thermatoga maritima
81	c2w7nA	Alignment	not modelled	94.0	14	PDB header: transcription/dna Chain: A: PDB Molecule: trfb transcriptional repressor protein; PDBTitle: crystal structure of kora bound to operator dna: insight2 into repressor cooperation in rp4 gene regulation
82	c1r22B	Alignment	not modelled	93.8	19	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 znaalpha5-3 form
83	d1k78a1	Alignment	not modelled	93.7	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Paired domain
84	c3jthA	Alignment	not modelled	93.7	18	PDB header: transcription Chain: A: PDB Molecule: transcription activator hlyu; PDBTitle: crystal structure of a transcriptional regulator hlyu from2 vibrio vulnificus cmcp6
85	c3i4pA	Alignment	not modelled	93.5	19	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, asnc family; PDBTitle: crystal structure of asnc family transcriptional regulator from2 agrobacterium tumefaciens
86	c2elhA	Alignment	not modelled	93.5	27	PDB header: dna binding protein Chain: A: PDB Molecule: cg11849-pa; PDBTitle: solution structure of the cnp-b n-terminal dna-binding2 domain of fruit fly distal antenna cg11849-pa
87	d1rlta	Alignment	not modelled	93.3	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
88	d2ao9a1	Alignment	not modelled	93.3	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Nanomeric phage protein-like
89	d1rlua	Alignment	not modelled	93.3	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
90	d1biaa1	Alignment	not modelled	93.2	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like
91	d1hlva1	Alignment	not modelled	93.1	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Centromere-binding
92	c3tgnA	Alignment	not modelled	93.1	27	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
93	c3cuoB	Alignment	not modelled	93.0	15	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
94	c3pqkD	Alignment	not modelled	92.9	11	PDB header: transcription Chain: D: PDB Molecule: biofilm growth-associated repressor; PDBTitle: crystal structure of the transcriptional repressor bigr from xylella2 fastidiosa
95	c3deuB	Alignment	not modelled	92.9	11	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
96	c2pexA	Alignment	not modelled	92.8	12	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator ohrr; PDBTitle: structure of reduced c22s ohrr from xanthamonas campestris
97	d1lnwa	Alignment	not modelled	92.8	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
98	c2it0A	Alignment	not modelled	92.7	17	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
99	c1kgsA	Alignment	not modelled	92.7	22	PDB header: dna binding protein Chain: A: PDB Molecule: dna binding response regulator d; PDBTitle: crystal structure at 1.50 a of an ompr/phob homolog from thermotoga2 maritima
100	d1sfxa	Alignment	not modelled	92.7	25	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like
101	c2qwwB	Alignment	not modelled	92.4	8	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
102	d1vz0a1	Alignment	not modelled	92.4	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: KorB DNA-binding domain-like Family: KorB DNA-binding domain-like
103	d1p4xa2	Alignment	not modelled	92.4	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
104	d1trra	Alignment	not modelled	92.4	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: TrpR-like Family: Trp repressor, TrpR
105	c2nyxB	Alignment	not modelled	92.3	10	PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulatory protein, rv1404;

						PDBTitle: crystal structure of rv1404 from mycobacterium tuberculosis PDB header: recombination/dna Chain: F: PDB Molecule: putative transposon tn552 dna-invertase bin3; PDBTitle: crystal structure of a serine recombinase- dna regulatory2 complex
106	c2r0qF_	Alignment	not modelled	92.3	10	PDB header: dna binding protein/dna Chain: P: PDB Molecule: protein sopb; PDBTitle: structure of sopb(155-323)-18mer dna complex, i23 form
107	c3mkyP_	Alignment	not modelled	92.2	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
108	d2fxaa1	Alignment	not modelled	92.1	12	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
109	c3nrvC_	Alignment	not modelled	92.1	20	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
110	c2fa5B_	Alignment	not modelled	92.0	18	PDB header: transcription Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: arsr-like transcriptional regulator from rhodococcus sp. rha1
111	c2oqgA_	Alignment	not modelled	91.9	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
112	d2frha1	Alignment	not modelled	91.8	6	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: the structure of nmb1585, a marr family regulator from neisseria2 meningitidis
113	c3g3za_	Alignment	not modelled	91.8	9	PDB header: transcription regulator Chain: A: PDB Molecule: repressor protein; PDBTitle: crystal structure of putative marr family transcriptional2 regulator from acinetobacter sp. adp
114	c3k0IA_	Alignment	not modelled	91.5	11	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator; PDBTitle: crystal structure of marr
115	c3bpXB_	Alignment	not modelled	91.4	8	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcription regulator sp03579
116	c3bj6B_	Alignment	not modelled	91.4	8	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
117	c3hrmA_	Alignment	not modelled	91.4	18	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of transcriptional regulator, marr family, from2 silicibacter pomeroyi
118	c3cjnA_	Alignment	not modelled	91.3	9	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 from mycobacterium bovis, a possible arsr-family transcriptional4 regulator. northeast structural genomics consortium target5 mbr242e.
119	c2kkoB_	Alignment	not modelled	91.3	9	Fold: DNA/RNA-binding 3-helical bundle Superfamily: TrpR-like Family: Trp repressor, TrpR
120	d1jhga_	Alignment	not modelled	91.2	27	