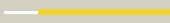




















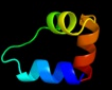






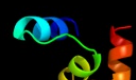



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1j5yA_	 Alignment		75.2	19	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, biotin repressor family; PDBTitle: crystal structure of transcriptional regulator (tm1602) from2 thermotoga maritima at 2.3 a resolution
2	d1biaa1	 Alignment		58.8	3	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like
3	c2vqcA_	 Alignment		51.1	18	PDB header: dna-binding protein Chain: A: PDB Molecule: hypothetical 13.2 kda protein; PDBTitle: structure of a dna binding winged-helix protein, f-112,2 from sulfolobus spindle-shaped virus 1.
4	d2vqca1	 Alignment		51.1	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: F112-like
5	d2ve8a1	 Alignment		46.8	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: FtsK C-terminal domain-like
6	d2ev0a1	 Alignment		45.0	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
7	d1ku3a_	 Alignment		44.1	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
8	d1ttya_	 Alignment		42.5	9	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
9	d1ku7a_	 Alignment		40.9	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
10	c3h0dB_	 Alignment		39.9	18	PDB header: transcription/dna Chain: B: PDB Molecule: ctsr; PDBTitle: crystal structure of ctrs in complex with a 26bp dna duplex
11	d1j5ya1	 Alignment		34.5	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like

12	d2p7vb1	Alignment		31.9	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
13	c2x4hA_	Alignment		29.8	17	PDB header: transcription Chain: A: PDB Molecule: hypothetical protein sso2273; PDBTitle: crystal structure of the hypothetical protein sso2273 from2 sulfolobus solfataricus
14	c1f5tA_	Alignment		28.6	14	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
15	c2h09A_	Alignment		26.8	8	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator mntr; PDBTitle: crystal structure of diphtheria toxin repressor like protein2 from e. coli
16	d2j5pa1	Alignment		26.3	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: FtsK C-terminal domain-like
17	c3by6C_	Alignment		26.0	28	PDB header: transcription regulator Chain: C: PDB Molecule: predicted transcriptional regulator; PDBTitle: crystal structure of a transcriptional regulator from oenococcus oeni
18	d2d1ha1	Alignment		25.3	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like
19	d1g3wa1	Alignment		24.9	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
20	c3t72o_	Alignment		24.6	14	PDB header: transcription/dna Chain: O: PDB Molecule: pho box dna (strand 1); PDBTitle: phob(e)-sigma70(4)-(rnap-beta-flap-tip-helix)-dna transcription2 activation sub-complex
21	d2fqma1	Alignment	not modelled	24.0	33	Fold: Phosphoprotein oligomerization domain-like Superfamily: Phosphoprotein oligomerization domain-like Family: Phosphoprotein oligomerization domain-like
22	c2ev5B_	Alignment	not modelled	22.0	11	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator mntr; PDBTitle: bacillus subtilis manganese transport regulator (mntr)2 bound to calcium
23	c2xuvB_	Alignment	not modelled	21.2	25	PDB header: unknown function Chain: B: PDB Molecule: hdeb; PDBTitle: the structure of hdeb
24	d6paxa1	Alignment	not modelled	20.3	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Paired domain
25	d1z6ra1	Alignment	not modelled	20.2	8	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ROK associated domain
26	d1z05a1	Alignment	not modelled	20.0	3	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ROK associated domain
27	c2jpcA_	Alignment	not modelled	19.5	10	PDB header: dna binding protein Chain: A: PDB Molecule: ssrb; PDBTitle: ssrb dna binding protein
28	c3eetA_	Alignment	not modelled	18.9	22	PDB header: transcription regulator Chain: A: PDB Molecule: putative gntr-family transcriptional regulator; PDBTitle: crystal structure of putative gntr-family transcriptional2 regulator
						PDB header: transcription

29	c1l9uH_	Alignment	not modelled	18.7	11	Chain: H: PDB Molecule: sigma factor sigma; PDBTitle: thermus aquaticus rna polymerase holoenzyme at 4 a2 resolution
30	c2it0A_	Alignment	not modelled	18.7	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
31	d2hr3a1	Alignment	not modelled	18.7	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
32	c1z6rC_	Alignment	not modelled	18.6	8	PDB header: transcription Chain: C: PDB Molecule: mlc protein; PDBTitle: crystal structure of mlc from escherichia coli
33	c3su8X_	Alignment	not modelled	18.4	42	PDB header: apoptosis/signaling protein Chain: X: PDB Molecule: plexin-b1; PDBTitle: crystal structure of a truncated intracellular domain of plexin-b1 in2 complex with rac1
34	d2isya1	Alignment	not modelled	17.2	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
35	d1fi3a_	Alignment	not modelled	16.5	17	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
36	d1k78a1	Alignment	not modelled	16.5	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Paired domain
37	c1r71B_	Alignment	not modelled	16.1	8	PDB header: transcription/dna Chain: B: PDB Molecule: transcriptional repressor protein korb; PDBTitle: crystal structure of the dna binding domain of korb in2 complex with the operator dna
38	c3hm6X_	Alignment	not modelled	15.9	42	PDB header: signaling protein Chain: X: PDB Molecule: plexin-b1; PDBTitle: crystal structure of the cytoplasmic domain of human plexin b1
39	c3boqB_	Alignment	not modelled	15.8	13	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcriptional regulator from2 silicibacter pomeroyi
40	d1r71a_	Alignment	not modelled	15.4	8	Fold: DNA/RNA-binding 3-helical bundle Superfamily: KorB DNA-binding domain-like Family: KorB DNA-binding domain-like
41	d1r1ta_	Alignment	not modelled	15.4	7	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
42	d1u2wa1	Alignment	not modelled	15.1	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
43	c2oqqA_	Alignment	not modelled	14.5	7	PDB header: transcription Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: arsr-like transcriptional regulator from rhodococcus sp. rha1
44	d1ynra1	Alignment	not modelled	14.2	22	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
45	d1r1ua_	Alignment	not modelled	14.0	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
46	c1r22B_	Alignment	not modelled	13.8	6	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
47	c3o27B_	Alignment	not modelled	13.5	27	PDB header: dna binding protein Chain: B: PDB Molecule: putative uncharacterized protein; PDBTitle: the crystal structure of c68 from the hybrid virus-plasmid pssvx
48	c3ig3A_	Alignment	not modelled	13.4	33	PDB header: signaling protein, membrane protein Chain: A: PDB Molecule: plxna3 protein; PDBTitle: crystal strucure of mouse plexin a3 intracellular domain
49	c3e0jF_	Alignment	not modelled	13.0	22	PDB header: transferase Chain: F: PDB Molecule: dna polymerase subunit delta-3; PDBTitle: x-ray structure of the complex of regulatory subunits of2 human dna polymerase delta
50	d1sfxa_	Alignment	not modelled	12.9	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like
51	c3f6oB_	Alignment	not modelled	12.9	10	PDB header: transcription regulator Chain: B: PDB Molecule: probable transcriptional regulator, arsr family PDBTitle: crystal structure of arsr family transcriptional regulator,2 rha00566
52	d1ag7a_	Alignment	not modelled	12.7	71	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Conotoxin
53	d1ub9a_	Alignment	not modelled	12.0	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
54	d1p4xa2	Alignment	not modelled	11.7	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
55	c3kp3B_	Alignment	not modelled	11.6	7	PDB header: transcription regulator/antibiotic Chain: B: PDB Molecule: transcriptional regulator tcar;

					PDBTitle: staphylococcus epidermidis in complex with ampicillin
56	d3ctaa1	Alignment	not modelled	10.6	17 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
57	d1cora_	Alignment	not modelled	10.4	22 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
58	d351ca_	Alignment	not modelled	10.3	17 Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
59	d1vz0a1	Alignment	not modelled	9.6	16 Fold: DNA/RNA-binding 3-helical bundle Superfamily: KorB DNA-binding domain-like Family: KorB DNA-binding domain-like
60	c3lwfD_	Alignment	not modelled	9.6	11 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
61	d1ulya_	Alignment	not modelled	8.9	6 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Hypothetical protein PH1932
62	d2gmga1	Alignment	not modelled	8.8	7 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: PF0610-like
63	c1g3wA_	Alignment	not modelled	8.4	12 PDB header: gene regulation Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: cd-cys102ser dtxr
64	d1lvaa3	Alignment	not modelled	8.3	21 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: C-terminal fragment of elongation factor SelB
65	c3r0aB_	Alignment	not modelled	8.3	10 PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: possible transcriptional regulator from methanosarcina mazei go1 (gi2_21227196)
66	c3cecA_	Alignment	not modelled	8.2	0 PDB header: transcription Chain: A: PDB Molecule: putative antidote protein of plasmid maintenance system; PDBTitle: crystal structure of a putative antidote protein of plasmid2 maintenance system (npun_f2943) from nostoc punctiforme pcc 73102 at3 1.60 a resolution
67	c3s2wB_	Alignment	not modelled	8.0	7 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
68	c1fx7C_	Alignment	not modelled	7.9	15 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
69	c3k69A_	Alignment	not modelled	7.8	17 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
70	c3neuA_	Alignment	not modelled	7.6	24 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
71	c3t76A_	Alignment	not modelled	7.5	14 PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator vanug; PDBTitle: crystal structure of transcriptional regulator vanug, form ii
72	d1hlva1	Alignment	not modelled	7.4	30 Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Centromere-binding
73	c3ctaA_	Alignment	not modelled	7.3	16 PDB header: transferase Chain: A: PDB Molecule: riboflavin kinase; PDBTitle: crystal structure of riboflavin kinase from thermoplasma2 acidophilum
74	c3i71B_	Alignment	not modelled	7.0	33 PDB header: unknown function Chain: B: PDB Molecule: ethanolamine utilization protein eutk; PDBTitle: ethanolamine utilization microcompartment shell subunit, eutk c-2 terminal domain
75	c3ff5B_	Alignment	not modelled	7.0	20 PDB header: protein transport Chain: B: PDB Molecule: peroxisomal biogenesis factor 14; PDBTitle: crystal structure of the conserved n-terminal domain of the2 peroxisomal matrix-protein-import receptor, pex14p
76	c3cuoB_	Alignment	not modelled	6.9	14 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
77	c2jscB_	Alignment	not modelled	6.9	12 PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator rv1994c/mt2050; PDBTitle: nmr structure of the cadmium metal-sensor cmtr from mycobacterium2 tuberculosis
78	d2dt5a1	Alignment	not modelled	6.9	18 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional repressor Rex, N-terminal domain
79	c2kpiA_	Alignment	not modelled	6.7	7 PDB header: transcription regulator Chain: A: PDB Molecule: sos-response transcriptional repressor, lexa; PDBTitle: solution structure of protein sos-response transcriptional2 repressor, lexa from eubacterium rectale. northeast3 structural genomics consortium target err9a
80	c2hoeA_	Alignment	not modelled	6.7	9 PDB header: transferase Chain: A: PDB Molecule: n-acetylglucosamine kinase; PDBTitle: crystal structure of n-acetylglucosamine kinase (tm1224)

						from2 thermotoga maritima at 2.46 a resolution
81	d1xd7a_	Alignment	not modelled	6.7	3	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator Rrf2
82	c1aqsA_	Alignment	not modelled	6.6	60	PDB header: metallothionein Chain: A: PDB Molecule: cu-metallothionein; PDBTitle: cu-metallothionein from saccharomyces cerevisiae, nmr, 102 structures
83	c3mlfC_	Alignment	not modelled	6.6	12	PDB header: transcription regulator Chain: C: PDB Molecule: transcriptional regulator; PDBTitle: putative transcriptional regulator from staphylococcus aureus.
84	d1ylfa1	Alignment	not modelled	6.4	3	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator Rrf2
85	d1dvva_	Alignment	not modelled	6.4	22	Fold: Cytochrome c Superfamily: Cytochrome c Family: monodomain cytochrome c
86	c3iydF_	Alignment	not modelled	6.4	15	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
87	d1jhfa1	Alignment	not modelled	6.3	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain
88	d1vola2	Alignment	not modelled	6.2	14	Fold: Cyclin-like Superfamily: Cyclin-like Family: Transcription factor IIB (TFIIB), core domain
89	c3cu4A_	Alignment	not modelled	6.2	17	PDB header: electron transport Chain: A: PDB Molecule: cytochrome c family protein; PDBTitle: omcf, outer membrane cytochrome f from geobacter2 sulfurreducens
90	d1fasa_	Alignment	not modelled	6.2	38	Fold: Snake toxin-like Superfamily: Snake toxin-like Family: Snake venom toxins
91	d1mkma1	Alignment	not modelled	6.1	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator ICLR, N-terminal domain
92	c2l4dA_	Alignment	not modelled	6.1	11	PDB header: electron transport Chain: A: PDB Molecule: sco1/senc family protein/cytochrome c; PDBTitle: cytochrome c domain of pp3183 protein from pseudomonas putida
93	d1l3la1	Alignment	not modelled	6.0	10	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)
94	c3jthA_	Alignment	not modelled	6.0	12	PDB header: transcription Chain: A: PDB Molecule: transcription activator hlyu; PDBTitle: crystal structure of a transcriptional regulator hlyu from2 vibrio vulnificus cmcp6
95	d1y7ya1	Alignment	not modelled	5.8	4	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: SinR domain-like
96	c3f6vA_	Alignment	not modelled	5.8	13	PDB header: transcription regulator Chain: A: PDB Molecule: possible transcriptional regulator, arsr family PDBTitle: crystal structure of possible transcriptional regulator for2 arsenical resistance
97	c2fxaB_	Alignment	not modelled	5.8	19	PDB header: transcription Chain: B: PDB Molecule: protease production regulatory protein hpr; PDBTitle: structure of the protease production regulatory protein hpr from2 bacillus subtilis.
98	c3dmiA_	Alignment	not modelled	5.8	18	PDB header: electron transport Chain: A: PDB Molecule: cytochrome c6; PDBTitle: crystallization and structural analysis of cytochrome c62 from the diatom phaeodactylum tricornutum at 1.5 a3 resolution
99	d1lnwa_	Alignment	not modelled	5.7	6	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators