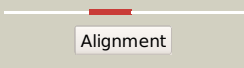

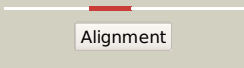

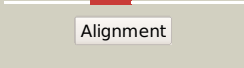

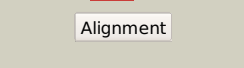

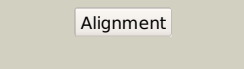

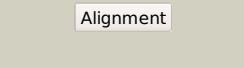

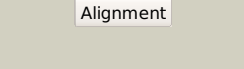

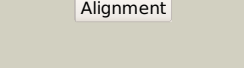

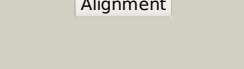

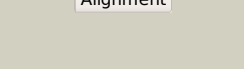

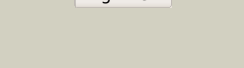
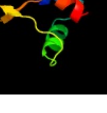


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2516c_(-)_2832720_2833523
Date	Wed Aug 7 12:50:15 BST 2019
Unique Job ID	d90c2bb4901a2950

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4j2nB_			97.3	24	PDB header: viral protein Chain: B: PDB Molecule: gp37; PDBTitle: crystal structure of mycobacteriophage pukovnik xis
2	c4j2nA_			97.2	24	PDB header: viral protein Chain: A: PDB Molecule: gp37; PDBTitle: crystal structure of mycobacteriophage pukovnik xis
3	c1z4hA_			96.7	17	PDB header: protein binding, dna binding protein Chain: A: PDB Molecule: tor inhibition protein; PDBTitle: the response regulator tori belongs to a new family of2 atypical excisionase
4	c6amaO_			95.2	22	PDB header: dna binding protein/dna Chain: O: PDB Molecule: putative dna-binding protein; PDBTitle: structure of s. coelicolor/s. venezuelae bidc-smea-ssfa complex to2 3.09 angstrom
5	c5af3A_			95.0	20	PDB header: dna binding Chain: A: PDB Molecule: vapbc49; PDBTitle: x-ray crystal structure of rv2018 from mycobacterium tuberculosis
6	c2kfsA_			94.3	16	PDB header: dna-binding protein Chain: A: PDB Molecule: conserved hypothetical regulatory protein; PDBTitle: nmr structure of rv2175c
7	c3ezfA_			93.7	11	PDB header: biosynthetic protein Chain: A: PDB Molecule: para; PDBTitle: partition protein
8	c5c8eC_			93.6	24	PDB header: transcription regulator/dna Chain: C: PDB Molecule: light-dependent transcriptional regulator carh; PDBTitle: crystal structure of thermus thermophilus carh bound to2 adenosylcobalamin and a 26-bp dna segment
9	c3t72o_			90.8	25	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
10	d2p7vb1			90.3	25	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
11	c4r24B_			90.3	16	PDB header: transcription/dna Chain: B: PDB Molecule: hth-type transcriptional regulator tnra; PDBTitle: complete dissection of b. subtilis nitrogen homeostatic circuitry

12	c5i44E_	Alignment		89.7	25	PDB header: dna binding protein/dna Chain: E: PDB Molecule: chromosome-anchoring protein raca; PDBTitle: structure of raca-dna complex; p21 form
13	c2jmlA_	Alignment		89.6	21	PDB header: transcription Chain: A: PDB Molecule: dna binding domain/transcriptional regulator; PDBTitle: solution structure of the n-terminal domain of cara repressor
14	c2ev2B_	Alignment		89.5	21	PDB header: lyase Chain: B: PDB Molecule: hypothetical protein rv1264/mt1302; PDBTitle: structure of rv1264n, the regulatory domain of the mycobacterial2 adenyllyl cylcase rv1264, at ph 8.5
15	c5tw1F_	Alignment		89.4	35	PDB header: transcription activator/transferase/dna Chain: F: PDB Molecule: rna polymerase sigma factor siga; PDBTitle: crystal structure of a mycobacterium smegmatis transcription2 initiation complex with rbpa
16	c2zhhA_	Alignment		88.9	20	PDB header: transcription Chain: A: PDB Molecule: redox-sensitive transcriptional activator soxr; PDBTitle: crystal structure of soxr
17	d1ku7a_	Alignment		88.6	30	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
18	c6c05F_	Alignment		88.5	35	PDB header: transcription Chain: F: PDB Molecule: rna polymerase sigma factor siga; PDBTitle: mycobacterium tuberculosis rnap holo/rbpa in relaxed state
19	d1ttya_	Alignment		87.8	25	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
20	d1ku3a_	Alignment		87.4	30	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
21	c3gp4B_	Alignment	not modelled	86.1	17	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, merr family; PDBTitle: crystal structure of putative merr family transcriptional regulator2 from listeria monocytogenes
22	c4r4eA_	Alignment	not modelled	85.9	8	PDB header: transcription regulator/dna Chain: A: PDB Molecule: hth-type transcriptional regulator glnr; PDBTitle: structure of glnr-dna complex
23	c2vz4A_	Alignment	not modelled	85.9	17	PDB header: transcription Chain: A: PDB Molecule: hth-type transcriptional activator tipa; PDBTitle: the n-terminal domain of merr-like protein tipal bound to promoter dna
24	c1l9uH_	Alignment	not modelled	85.1	30	PDB header: transcription Chain: H: PDB Molecule: sigma factor siga; PDBTitle: thermus aquaticus rna polymerase holoenzyme at 4 a2 resolution
25	d1q06a_	Alignment	not modelled	84.6	11	Fold: Putative DNA-binding domain Superfamily: Putative DNA-binding domain Family: DNA-binding N-terminal domain of transcription activators
26	c2a6eF_	Alignment	not modelled	83.8	33	PDB header: transferase Chain: F: PDB Molecule: rna polymerase sigma factor rpod; PDBTitle: crystal structure of the t. thermophilus rna polymerase2 holoenzyme
27	c3hh0C_	Alignment	not modelled	83.8	8	PDB header: transcription regulator Chain: C: PDB Molecule: transcriptional regulator, merr family; PDBTitle: crystal structure of a transcriptional regulator, merr family from2 bacillus cereus
28	c4go1A_	Alignment	not modelled	83.5	33	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator lsrr; PDBTitle: crystal structure of full length transcription repressor lsrr from e.2 coli. PDB header: transcription, transferase/dna/rna

29	c5jpmF_	Alignment	not modelled	83.1	30	Chain: F: PDB Molecule: rna polymerase sigma factor rpos; PDBTitle: sigmas-transcription initiation complex with 4-nt nascent rna
30	d1j9ia_	Alignment	not modelled	82.5	22	Fold: Putative DNA-binding domain Superfamily: Putative DNA-binding domain Family: Terminase gpNU1 subunit domain
31	c2w48D_	Alignment	not modelled	81.8	38	PDB header: transcription Chain: D: PDB Molecule: sorbitol operon regulator; PDBTitle: crystal structure of the full-length sorbitol operon2 regulator sorc from klebsiella pneumoniae
32	c3qaoA_	Alignment	not modelled	81.3	19	PDB header: transcription regulator Chain: A: PDB Molecule: merr-like transcriptional regulator; PDBTitle: the crystal structure of the n-terminal domain of a merr-like2 transcriptional regulator from listeria monocytogenes egd-e
33	c4iqcX_	Alignment	not modelled	80.6	25	PDB header: transcription, transferase Chain: X: PDB Molecule: rna polymerase sigma factor rpod; PDBTitle: x-ray crystal structure of escherichia coli sigma70 holoenzyme
34	c5gpeB_	Alignment	not modelled	80.2	21	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator, merr-family; PDBTitle: crystal structure of the transcription regulator pbrr691 from2 ralstonia metallidurans ch34 in complex with lead(ii)
35	c3gpvA_	Alignment	not modelled	80.0	11	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, merr family; PDBTitle: crystal structure of a transcriptional regulator, merr2 family from bacillus thuringiensis
36	d1r8ea1	Alignment	not modelled	79.3	15	Fold: Putative DNA-binding domain Superfamily: Putative DNA-binding domain Family: DNA-binding N-terminal domain of transcription activators
37	d1xsva_	Alignment	not modelled	79.0	50	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: YlxM/p13-like
38	c2w7nA_	Alignment	not modelled	78.9	37	PDB header: transcription/dna Chain: A: PDB Molecule: trfb transcriptional repressor protein; PDBTitle: crystal structure of kora bound to operator dna: insight into2 repressor cooperation in rp4 gene regulation
39	c1u78A_	Alignment	not modelled	78.5	20	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
40	c1efaA_	Alignment	not modelled	77.9	22	PDB header: transcription/dna Chain: A: PDB Molecule: lac repressor; PDBTitle: crystal structure of the lac repressor dimer bound to operator and the2 anti-inducer onpf
41	c2lcvA_	Alignment	not modelled	77.2	16	PDB header: transcription regulator Chain: A: PDB Molecule: hth-type transcriptional repressor cytr; PDBTitle: structure of the cytidine repressor dna-binding domain; an alternate2 calculation
42	c2mqkA_	Alignment	not modelled	77.0	18	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent target dna activator b; PDBTitle: solution structure of n terminal domain of the mub aaa+ atpase
43	c3ucsB_	Alignment	not modelled	76.8	17	PDB header: chaperone Chain: B: PDB Molecule: chaperone-modulator protein cbpm; PDBTitle: crystal structure of the complex between cbpa j-domain and cbpm
44	c3iydF_	Alignment	not modelled	76.7	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
45	d1smyf2	Alignment	not modelled	76.1	30	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
46	c3bd1B_	Alignment	not modelled	75.2	30	PDB header: transcription Chain: B: PDB Molecule: cro protein; PDBTitle: structure of the cro protein from putative prophage element xfaso 1 in2 xylella fastidiosa strain ann-1
47	c5z7iC_	Alignment	not modelled	75.0	32	PDB header: dna binding protein/dna Chain: C: PDB Molecule: cell cycle regulatory protein gcrA; PDBTitle: caulobacter crescentus gcrA dna-binding domain(dbd)in complex with2 unmethylated dsdna
48	d1rzsa_	Alignment	not modelled	74.4	31	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: Phage repressors
49	d1s7oa_	Alignment	not modelled	74.4	54	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: YlxM/p13-like
50	c3fmyA_	Alignment	not modelled	74.1	9	PDB header: dna binding protein Chain: A: PDB Molecule: hth-type transcriptional regulator mqsa PDBTitle: structure of the c-terminal domain of the e. coli protein2 mqsa (ygit/b3021)
51	c3kxD_	Alignment	not modelled	73.4	18	PDB header: transcription regulator Chain: D: PDB Molecule: transcriptional regulator, lacI family; PDBTitle: crystal structure of a transcriptional regulator, lacI2 family protein from silicibacter pomeroyi
52	c5crIA_	Alignment	not modelled	73.3	23	PDB header: metal binding protein Chain: A: PDB Molecule: mercuric resistance operon regulatory protein; PDBTitle: crystal structure of the transcription activator tn501 merr in complex2 with mercury (ii)
53	c3wodF_	Alignment	not modelled	73.1	33	PDB header: transferase/transcription Chain: F: PDB Molecule: rna polymerase sigma factor; PDBTitle: rna polymerase-gp39 complex
54	c5j9iH_	Alignment	not modelled	72.6	21	PDB header: antitoxin Chain: H: PDB Molecule: antitoxin iga-2; PDBTitle: crystal structure of the higa2 antitoxin c-terminal domain

55	c1j5yA	Alignment	not modelled	72.4	53	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, biotin repressor family; PDBTitle: crystal structure of transcriptional regulator (tm1602) from <i>Thermotoga maritima</i> at 2.3 Å resolution
56	c2kpiA	Alignment	not modelled	72.2	28	PDB header: transcription regulator Chain: A: PDB Molecule: sos-response transcriptional repressor, lexA; PDBTitle: solution structure of protein sos-response transcriptional repressor, lexA from <i>Eubacterium rectale</i> . Northeast Structural Genomics Consortium Target Err9a
57	c1rp3G	Alignment	not modelled	71.6	45	PDB header: transcription Chain: G: PDB Molecule: RNA polymerase sigma factor sigma-28 (flia); PDBTitle: cocrystal structure of the flagellar sigma/anti-sigma complex, sigma-28/flgm
58	d2oz6a1	Alignment	not modelled	70.7	32	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
59	d1biaa1	Alignment	not modelled	70.2	29	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like
60	d1r8da	Alignment	not modelled	70.0	17	Fold: Putative DNA-binding domain Superfamily: Putative DNA-binding domain Family: DNA-binding N-terminal domain of transcription activators
61	c6fkgC	Alignment	not modelled	69.7	17	PDB header: toxin Chain: C: PDB Molecule: rv1990c (mbca); PDBTitle: crystal structure of the <i>M. tuberculosis</i> Mbct-Mbca toxin-antitoxin2 complex.
62	d3e5ua1	Alignment	not modelled	69.7	25	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
63	d2coha1	Alignment	not modelled	68.9	26	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
64	c2l8nA	Alignment	not modelled	68.4	16	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional repressor cytr; PDBTitle: nmr structure of the cytidine repressor dna binding domain in presence of operator half-site dna
65	c5syszA	Alignment	not modelled	68.4	16	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, lacI family; PDBTitle: transcriptional regulator celr-cellobiose complex
66	c5jaaB	Alignment	not modelled	68.4	19	PDB header: toxin Chain: B: PDB Molecule: antitoxin iga-2; PDBTitle: crystal structure of the Higba2 toxin-antitoxin complex
67	d1vz0a1	Alignment	not modelled	68.4	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: KorB DNA-binding domain-like Family: KorB DNA-binding domain-like
68	c3hugA	Alignment	not modelled	68.2	35	PDB header: transcription/membrane protein Chain: A: PDB Molecule: RNA polymerase sigma factor; PDBTitle: crystal structure of mycobacterium tuberculosis anti-sigma factor rslA2 in complex with -35 promoter binding domain of sigI
69	d1lcda	Alignment	not modelled	68.0	22	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: GalR/LacI-like bacterial regulator
70	d1i5za1	Alignment	not modelled	67.6	30	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
71	c3m1fC	Alignment	not modelled	67.5	15	PDB header: transcription regulator Chain: C: PDB Molecule: transcriptional regulator; PDBTitle: putative transcriptional regulator from <i>Staphylococcus aureus</i> .
72	c2ia0A	Alignment	not modelled	67.0	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative hth-type transcriptional regulator pf0864; PDBTitle: transcriptional regulatory protein pf0864 from <i>Pyrococcus furiosus</i> a2 member of the asnC family (pf0864)
73	c2fjrB	Alignment	not modelled	66.9	6	PDB header: transcription regulator Chain: B: PDB Molecule: repressor protein ci; PDBTitle: crystal structure of bacteriophage 186
74	c2vbzA	Alignment	not modelled	66.8	26	PDB header: dna-binding protein Chain: A: PDB Molecule: transcriptional regulatory protein; PDBTitle: feast or famine regulatory protein (rv3291c) from <i>M. tuberculosis</i> complexed with l-tryptophan
75	d1j5ya1	Alignment	not modelled	66.7	53	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like
76	c2e7xA	Alignment	not modelled	66.5	28	PDB header: transcription regulator Chain: A: PDB Molecule: 150aa long hypothetical transcriptional regulator; PDBTitle: structure of the lrp/asnC like transcriptional regulator from <i>Sulfolobus tokodaii</i> 7 complexed with its cognate ligand
77	d2bjca1	Alignment	not modelled	66.4	19	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: GalR/LacI-like bacterial regulator
78	d2cfxa1	Alignment	not modelled	66.4	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
79	c3h5tA	Alignment	not modelled	66.4	31	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, lacI family; PDBTitle: crystal structure of a transcriptional regulator, lacI2 family protein from <i>Corynebacterium glutamicum</i>

80	c3neuA	Alignment	not modelled	66.1	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
81	c3omtA	Alignment	not modelled	65.7	11	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: putative antitoxin component, chu_2935 protein, from xre family from2 prevotella buccae.
82	c1zvva	Alignment	not modelled	65.7	16	PDB header: transcription/dna Chain: A: PDB Molecule: glucose-resistance amylase regulator; PDBTitle: crystal structure of a ccpa-crh-dna complex
83	d1efaa1	Alignment	not modelled	65.5	22	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: GalR/LacI-like bacterial regulator
84	c2lfwA	Alignment	not modelled	65.3	25	PDB header: signaling protein Chain: A: PDB Molecule: phyr sigma-like domain; PDBTitle: nmr structure of the phyrsl-nepr complex from sphingomonas sp. fr1
85	c2cfxD	Alignment	not modelled	65.0	21	PDB header: transcription Chain: D: PDB Molecule: hth-type transcriptional regulator lrpc; PDBTitle: structure of b.subtilis lrpc
86	c6sbsB	Alignment	not modelled	64.9	26	PDB header: transcription Chain: B: PDB Molecule: regulatory protein; PDBTitle: ytra from sulfolobus acidocaldarius, a gntr-family transcription2 factor
87	c6in7B	Alignment	not modelled	64.8	21	PDB header: transcription Chain: B: PDB Molecule: rna polymerase sigma-h factor; PDBTitle: crystal structure of algu in complex with muca(cyto)
88	c2ppxA	Alignment	not modelled	64.8	7	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein atu1735; PDBTitle: crystal structure of a hth xre-family like protein from agrobacterium2 tumefaciens
89	d2ppxa1	Alignment	not modelled	64.8	7	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: SinR domain-like
90	d1ft9a1	Alignment	not modelled	64.8	37	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
91	d2hsga1	Alignment	not modelled	64.7	16	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: GalR/LacI-like bacterial regulator
92	d2h6ca1	Alignment	not modelled	64.3	20	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: CAP C-terminal domain-like
93	d2ao9a1	Alignment	not modelled	64.0	26	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Nanomeric phage protein-like
94	d1rp3a2	Alignment	not modelled	63.2	45	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
95	d1adra	Alignment	not modelled	62.9	21	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: Phage repressors
96	c1lbgB	Alignment	not modelled	62.8	22	PDB header: PDB COMPND:
97	c2l4aA	Alignment	not modelled	62.4	21	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
98	d2cyva1	Alignment	not modelled	62.4	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
99	d1r71a	Alignment	not modelled	62.4	25	Fold: DNA/RNA-binding 3-helical bundle Superfamily: KorB DNA-binding domain-like Family: KorB DNA-binding domain-like
100	c2du9A	Alignment	not modelled	61.9	14	PDB header: transcription Chain: A: PDB Molecule: predicted transcriptional regulators; PDBTitle: crystal structure of the transcriptional factor from c.glutamicum
101	c3i4pA	Alignment	not modelled	61.0	21	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, asnc family; PDBTitle: crystal structure of asnc family transcriptional regulator from2 agrobacterium tumefaciens
102	d2cg4a1	Alignment	not modelled	60.9	37	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
103	c3vepA	Alignment	not modelled	60.6	32	PDB header: membrane protein/transcription Chain: A: PDB Molecule: probable rna polymerase sigma-d factor; PDBTitle: crystal structure of sigd4 in complex with its negative regulator rsda
104	c2p6tH	Alignment	not modelled	60.5	11	PDB header: transcription Chain: H: PDB Molecule: transcriptional regulator, lrp/asnc family; PDBTitle: crystal structure of transcriptional regulator nmb0573 and l-leucine2 complex from neisseria meningitidis
105	c2ebyA	Alignment	not modelled	60.4	24	PDB header: transcription Chain: A: PDB Molecule: putative hth-type transcriptional regulator ybaq; PDBTitle: crystal structure of a hypothetical protein from e. coli
106	c1or7A	Alignment	not modelled	60.4	26	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

107	c5fgmA	Alignment	not modelled	60.0	32	PDB header: hydrolase Chain: A: PDB Molecule: ecf rna polymerase sigma factor sigr; PDBTitle: streptomyces coelicolor sigr region 4
108	d1yioa1	Alignment	not modelled	59.8	32	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)
109	c3t0yA	Alignment	not modelled	59.7	25	PDB header: transcription regulator/protein binding Chain: A: PDB Molecule: response regulator; PDBTitle: structure of the phyr anti-anti-sigma domain bound to the anti-sigma2 factor, nepr
110	d1i1ga1	Alignment	not modelled	59.7	37	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
111	c5kvrA	Alignment	not modelled	59.2	29	PDB header: translation Chain: A: PDB Molecule: pyruvate dehydrogenase complex repressor; PDBTitle: x-ray crystal structure of a fragment (1-75) of a transcriptional2 regulator pdhr from escherichia coli cft073
112	c4r1hA	Alignment	not modelled	59.2	29	PDB header: transcription regulator Chain: A: PDB Molecule: lmo0741 protein; PDBTitle: gntR family transcriptional regulator from listeria monocytogenes
113	d1luxda	Alignment	not modelled	59.1	47	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: GalR/LacI-like bacterial regulator
114	d1qpza1	Alignment	not modelled	58.7	16	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: GalR/LacI-like bacterial regulator
115	c1bdhA	Alignment	not modelled	58.2	25	PDB header: transcription/dna Chain: A: PDB Molecule: protein (purine repressor); PDBTitle: purine repressor mutant-hypoxanthine-palindromic operator2 complex
116	c4lfuA	Alignment	not modelled	58.2	37	PDB header: dna binding protein Chain: A: PDB Molecule: regulatory protein sdia; PDBTitle: crystal structure of escherichia coli sdia in the space group c2
117	d2jn6a1	Alignment	not modelled	58.0	27	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Cgl2762-like
118	c2dbbA	Alignment	not modelled	57.8	37	PDB header: transcriptional regulator Chain: A: PDB Molecule: putative hth-type transcriptional regulator ph0061; PDBTitle: crystal structure of ph0061
119	c3trbA	Alignment	not modelled	57.7	24	PDB header: dna binding protein Chain: A: PDB Molecule: virulence-associated protein i; PDBTitle: structure of an addiction module antidote protein of a higa (higa)2 family from coxiella burnetii
120	c5zx3F	Alignment	not modelled	57.5	21	PDB header: transcription Chain: F: PDB Molecule: ecf rna polymerase sigma factor sigh; PDBTitle: mycobacterium tuberculosis rna polymerase holoenzyme with ecf sigma2 factor sigma h