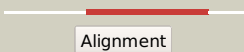

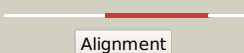



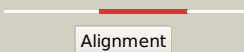

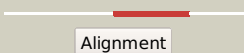









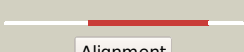

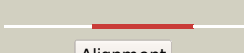





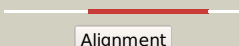

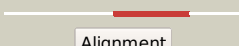




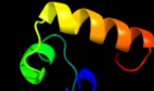






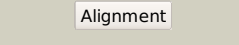



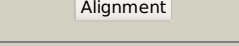
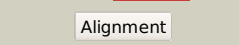




Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3363c_(-)_3774307_3774675
Date	Fri Aug 9 18:20:02 BST 2019
Unique Job ID	2460437a0bed30d6

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6cmvA_	 Alignment		95.2	15	PDB header: gene regulation Chain: A: PDB Molecule: transcriptional regulator Irs14-like protein; PDBTitle: crystal structure of archaeal biofilm regulator (abfr2) from <i>Sulfolobus acidocaldarius</i>
2	d1z05a1	 Alignment		94.3	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ROK associated domain
3	c1dpuA_	 Alignment		94.2	15	PDB header: dna binding protein Chain: A: PDB Molecule: replication protein a (rpa32) c-terminal domain; PDBTitle: solution structure of the c-terminal domain of human rpa322 complexed with ung2(73-88)
4	d1dpuA_	 Alignment		94.2	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: C-terminal domain of RPA32
5	d1mkma1	 Alignment		94.2	28	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator IclR, N-terminal domain
6	d1ulya_	 Alignment		94.0	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Hypothetical protein PH1932
7	c3f6vA_	 Alignment		94.0	21	PDB header: transcription regulator Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: crystal structure of possible transcriptional regulator for arsenical2 resistance
8	c3t0yA_	 Alignment		93.9	24	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
9	c3f6oB_	 Alignment		93.8	25	PDB header: transcription regulator Chain: B: PDB Molecule: probable transcriptional regulator, arsr family PDBTitle: crystal structure of arsr family transcriptional regulator,2 rha00566
10	c3pqkD_	 Alignment		93.8	14	PDB header: transcription Chain: D: PDB Molecule: biofilm growth-associated repressor; PDBTitle: crystal structure of the transcriptional repressor bigr from <i>Xylella fastidiosa</i>
11	c5yhxH_	 Alignment		93.5	15	PDB header: metal binding protein Chain: H: PDB Molecule: zinc transport transcriptional regulator; PDBTitle: structure of <i>Lactococcus lactis</i> zitr, wild type

12	c5ehkA	 Alignment		93.4	14	PDB header: hydrolase Chain: A: PDB Molecule: lantibiotic dehydratase; PDBTitle: crystal structure of trna dependent lantibiotic dehydratase mibb from <i>Microbispora</i> sp. 107891
13	c1r22B	 Alignment		93.1	15	PDB header: transcription repressor Chain: B: PDB Molecule: transcriptional repressor smtb; PDBTitle: crystal structure of the cyanobacterial metallothionein2 repressor smtb (c14s/c61s/c121s mutant) in the zn2alpha5-3 form
14	c4omzG	 Alignment		92.9	11	PDB header: transcription Chain: G: PDB Molecule: nolr; PDBTitle: crystal structure of nolr from <i>Sinorhizobium fredii</i>
15	c2g7uB	 Alignment		92.8	23	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: transcriptional regulator; PDBTitle: 2.3 a structure of putative catechol degradative operon regulator from <i>Rhodococcus</i> sp. rha1
16	c4g6qA	 Alignment		92.7	36	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: the crystal structure of a functionally unknown protein kfla_6221 from <i>Kribbella flavida</i> DSM 17836
17	c5whmB	 Alignment		92.6	30	PDB header: transcription Chain: B: PDB Molecule: iclr family transcriptional regulator; PDBTitle: crystal structure of iclr family transcriptional regulator from <i>Brucella abortus</i>
18	c1mkmA	 Alignment		92.4	28	PDB header: transcription Chain: A: PDB Molecule: iclr transcriptional regulator; PDBTitle: crystal structure of the <i>Thermotoga maritima</i> iclr
19	c3hugA	 Alignment		92.3	19	PDB header: transcription/membrane protein Chain: A: PDB Molecule: rna polymerase sigma factor; PDBTitle: crystal structure of <i>Mycobacterium tuberculosis</i> anti-sigma factor Rsa2 in complex with -35 promoter binding domain of SigI
20	c2ia2D	 Alignment		92.1	21	PDB header: transcription Chain: D: PDB Molecule: putative transcriptional regulator; PDBTitle: the crystal structure of a putative transcriptional regulator rha061952 from <i>Rhodococcus</i> sp. rha1
21	c2lfwA	 Alignment	not modelled	91.7	16	PDB header: signaling protein Chain: A: PDB Molecule: phyr sigma-like domain; PDBTitle: nmr structure of the phyrsl-nepr complex from <i>Sphingomonas</i> sp. fr1
22	c5tjA	 Alignment	not modelled	91.6	20	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, iclr family; PDBTitle: crystal structure of iclr transcriptional regulator from <i>Alicyclobacillus acidocaldarius</i>
23	c3cuoB	 Alignment	not modelled	91.6	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 <i>E. coli</i>
24	c2xroE	 Alignment	not modelled	91.6	20	PDB header: dna-binding protein/dna Chain: E: PDB Molecule: hth-type transcriptional regulator ttgv; PDBTitle: crystal structure of ttgv in complex with its dna operator
25	c3r4kD	 Alignment	not modelled	91.5	10	PDB header: dna binding protein Chain: D: PDB Molecule: transcriptional regulator, iclr family; PDBTitle: crystal structure of a putative iclr transcriptional regulator2 (tm1040_3717) from <i>Silicibacter</i> sp. tm1040 at 2.46 Å resolution
26	c2nyxB	 Alignment	not modelled	91.5	16	PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulatory protein, rv1404; PDBTitle: crystal structure of rv1404 from <i>Mycobacterium tuberculosis</i>
27	c5jbrA	 Alignment	not modelled	91.4	26	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein bcav_2135; PDBTitle: crystal structure of uncharacterized protein bcav_2135 from <i>Beutenbergia cavernae</i>
						Fold: DNA/RNA-binding 3-helical bundle

28	dlz6ra1	Alignment	not modelled	91.4	14	Superfamily: "Winged helix" DNA-binding domain Family: ROK associated domain
29	dlr1ua	Alignment	not modelled	91.1	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
30	d2p4wa1	Alignment	not modelled	91.1	26	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: PF1790-like
31	c5wurB	Alignment	not modelled	90.6	30	PDB header: metal binding protein Chain: B; PDB Molecule: ecf rna polymerase sigma factor sigw; PDBTitle: crystal structure of sigw in complex with its anti-sigma rsiw, an2 oxidized form
32	c5h1aC	Alignment	not modelled	90.4	26	PDB header: transcription regulator Chain: C; PDB Molecule: iclr transcription factor homolog; PDBTitle: crystal structure of a iclr homolog from microbacterium sp. strain2 hm58-2
33	c3g2bA	Alignment	not modelled	90.1	24	PDB header: biosynthetic protein Chain: A; PDB Molecule: coenzyme pqq synthesis protein d; PDBTitle: crystal structure of pqqd from xanthomonas campestris
34	c3kp3B	Alignment	not modelled	90.0	8	PDB header: transcription regulator/antibiotic Chain: B; PDB Molecule: transcriptional regulator tcar; PDBTitle: staphylococcus epidermidis in complex with ampicillin
35	c5w1eA	Alignment	not modelled	89.9	12	PDB header: transcription Chain: A; PDB Molecule: putative transcriptional regulator; PDBTitle: pobr in complex with phb
36	c3jthA	Alignment	not modelled	89.8	23	PDB header: transcription Chain: A; PDB Molecule: transcription activator hlyu; PDBTitle: crystal structure of a transcriptional regulator hlyu from2 vibrio vulnificus cmcp6
37	c5sxyA	Alignment	not modelled	89.7	21	PDB header: chaperone Chain: A; PDB Molecule: bifunctional coenzyme pqq synthesis protein c/d; PDBTitle: the solution nmr structure for the pqqd truncation of methylbacterium2 extorquens pqqcd representing a functional and stand-alone3 ribosomally synthesized and post-translational modified (ripp)4 recognition element (rre)
38	c2kkoB	Alignment	not modelled	89.7	21	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.
39	d1ttya	Alignment	not modelled	89.6	8	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
40	c5fgmA	Alignment	not modelled	89.6	16	PDB header: hydrolase Chain: A; PDB Molecule: ecf rna polymerase sigma factor sigr; PDBTitle: streptomyces coelicolor sigr region 4
41	c4ijaA	Alignment	not modelled	89.5	19	PDB header: protein binding Chain: A; PDB Molecule: xylr protein; PDBTitle: structure of s. aureus methicillin resistance factor mecR2
42	c5y6iB	Alignment	not modelled	89.5	15	PDB header: transcription Chain: B; PDB Molecule: transcriptional regulator kdgr; PDBTitle: crystal structure of pseudomonas aeruginosa hmgr
43	c2oqgA	Alignment	not modelled	89.5	17	PDB header: transcription Chain: A; PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: arsr-like transcriptional regulator from rhodococcus sp. rha1
44	c2qufB	Alignment	not modelled	89.4	13	PDB header: transcription Chain: B; PDB Molecule: transcription factor pf0095; PDBTitle: crystal structure of transcription factor axxa-pf0095 from pyrococcus2 furiosus
45	d1or7a1	Alignment	not modelled	89.4	30	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
46	c4cxfA	Alignment	not modelled	89.3	27	PDB header: transcription Chain: A; PDB Molecule: rna polymerase sigma factor cnrh; PDBTitle: structure of cnrh in complex with the cytosolic domain of cnry
47	c3lwfD	Alignment	not modelled	89.0	22	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
48	c3vepA	Alignment	not modelled	88.8	27	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
49	c2o8xA	Alignment	not modelled	88.7	30	PDB header: transcription Chain: A; PDB Molecule: probable rna polymerase sigma-c factor; PDBTitle: crystal structure of the "-35 element" promoter recognition domain of2 mycobacterium tuberculosis sigc
50	c4nb5D	Alignment	not modelled	88.7	22	PDB header: dna binding protein Chain: D; PDB Molecule: dna binding protein; PDBTitle: crystal structure of a transcriptional regulator
51	c2lkpB	Alignment	not modelled	88.6	15	PDB header: transcription regulator Chain: B; PDB Molecule: transcriptional regulator, arsr family; PDBTitle: solution structure of apo-nmtr
52	d2d1ha1	Alignment	not modelled	88.5	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like PDB header: transcription

53	c2o0yB_	Alignment	not modelled	88.5	23	Chain: B: PDB Molecule: transcriptional regulator; PDBTitle: crystal structure of putative transcriptional regulator rha1_ro069532 (iclr-family) from rhodococcus sp.
54	d1r1ta_	Alignment	not modelled	88.4	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
55	c2jscB_	Alignment	not modelled	88.3	21	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator rv1994c/mt2050; PDBTitle: nmr structure of the cadmium metal-sensor cmtr from mycobacterium2 tuberculosis
56	d1stza1	Alignment	not modelled	88.2	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Heat-inducible transcription repressor HrcA, N-terminal domain
57	d1rp3a2	Alignment	not modelled	87.9	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: Sigma4 domain
58	c6j05B_	Alignment	not modelled	87.3	14	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator arsr; PDBTitle: structures of two arsr as(iii)-responsive repressors: implications for2 the mechanism of derepression
59	d2hr3a1	Alignment	not modelled	87.1	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
60	c4cicB_	Alignment	not modelled	86.9	22	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator, badm/rrf2 family; PDBTitle: t. potens iscr
61	c6c03A_	Alignment	not modelled	86.8	18	PDB header: transcription Chain: A: PDB Molecule: putative rna polymerase ecf-subfamily sigma factor; PDBTitle: the crystal structure streptomyces venezuelae rsbn-bldn complex
62	c2y75F_	Alignment	not modelled	86.6	20	PDB header: transcription Chain: F: PDB Molecule: hth-type transcriptional regulator cymr; PDBTitle: the structure of cymr (yrzc) the global cysteine regulator of b.2 subtilis
63	c4yifE_	Alignment	not modelled	86.3	11	PDB header: dna binding protein Chain: E: PDB Molecule: marr family protein rv0880; PDBTitle: crystal structure of rv0880
64	d1sfxa_	Alignment	not modelled	86.3	28	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like
65	c4hf1B_	Alignment	not modelled	85.9	22	PDB header: transcription/dna Chain: B: PDB Molecule: hth-type transcriptional regulator iscr; PDBTitle: crystal structure of iscr bound to its promoter
66	c3r0aB_	Alignment	not modelled	85.9	14	PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: possible transcriptional regulator from methanosarcina mazeri go1 (gi2 21227196)
67	c5zx3F_	Alignment	not modelled	85.9	16	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
68	c3hrmA_	Alignment	not modelled	85.9	14	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	c2wteB_	Alignment	not modelled	85.3	15	PDB header: antiviral protein Chain: B: PDB Molecule: csa3; PDBTitle: the structure of the crispr-associated protein, csa3, from2 sulfobolus solfataricus at 1.8 angstrom resolution.
70	c6dvdF_	Alignment	not modelled	85.1	19	PDB header: transferase/dna Chain: F: PDB Molecule: ecf rna polymerase sigma factor sigl; PDBTitle: crystal structure of mycobacterium tuberculosis transcription2 initiation complex(ecf sigma factor I) with 6 nt spacer and bromine3 labelled in position "-11
71	c3mzyA_	Alignment	not modelled	84.9	16	PDB header: rna binding protein Chain: A: PDB Molecule: rna polymerase sigma-h factor; PDBTitle: the crystal structure of the rna polymerase sigma-h factor from2 fusobacterium nucleatum to 2.5a
72	c3bj6B_	Alignment	not modelled	84.8	12	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcription regulator sp03579
73	c6jbxB_	Alignment	not modelled	84.8	15	PDB header: transcription/dna Chain: B: PDB Molecule: fatty acid biosynthesis transcriptional regulator; PDBTitle: crystal structure of streptococcus pneumoniae fabt in complex with dna
74	c1z05A_	Alignment	not modelled	84.8	17	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, rok family; PDBTitle: crystal structure of the rok family transcriptional regulator, homolog2 of e.coli mlc protein.
75	c5f7pA_	Alignment	not modelled	83.8	24	PDB header: transcription Chain: A: PDB Molecule: lmo0178 protein; PDBTitle: rok repressor lmo0178 from listeria monocytogenes
76	c1f5tA_	Alignment	not modelled	83.7	21	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
77	d2isya1	Alignment	not modelled	83.2	32	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
78	d2a61a1	Alignment	not modelled	83.2	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators

79	c3tgnA_	Alignment	not modelled	83.1	23	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
80	c6hsdB_	Alignment	not modelled	83.1	14	PDB header: transcription Chain: B: PDB Molecule: rrf2 family transcriptional regulator; PDBTitle: crystal structure of the oxidized form of the transcription regulator2 rsrr
81	d1lnwa_	Alignment	not modelled	83.1	4	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
82	d1g3wa1	Alignment	not modelled	83.1	25	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein
83	c3vdoA_	Alignment	not modelled	82.6	22	PDB header: dna binding protein/protein binding Chain: A: PDB Molecule: rna polymerase sigma factor sigk; PDBTitle: structure of extra-cytoplasmic function(ecf) sigma factor sigk in2 complex with its negative regulator rska from mycobacterium3 tuberculosis
84	c3k0A_	Alignment	not modelled	82.4	16	PDB header: transcription regulator Chain: A: PDB Molecule: repressor protein; PDBTitle: crystal structure of putative marr family transcriptional2 regulator from acinetobacter sp. adp
85	d1s7oa_	Alignment	not modelled	82.3	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: YlxM/p13-like
86	d1s3ja_	Alignment	not modelled	82.2	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
87	c3oopA_	Alignment	not modelled	82.1	12	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
88	d1ku9a_	Alignment	not modelled	82.0	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: DNA-binding protein Mj223
89	d1xsva_	Alignment	not modelled	81.8	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Sigma3 and sigma4 domains of RNA polymerase sigma factors Family: YlxM/p13-like
90	c2qwwB_	Alignment	not modelled	81.6	20	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
91	c4hblA_	Alignment	not modelled	81.6	20	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of abfr of staphylococcus epidermidis
92	d1lj9a_	Alignment	not modelled	81.5	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
93	c5n07A_	Alignment	not modelled	81.4	16	PDB header: transcription Chain: A: PDB Molecule: hth-type transcriptional repressor nsrr; PDBTitle: structure of the [4fe-4s] form of the no response regulator nsrr
94	c3cuqA_	Alignment	not modelled	81.3	26	PDB header: protein transport Chain: A: PDB Molecule: vacuolar-sorting protein snf8; PDBTitle: integrated structural and functional model of the human escrt-ii2 complex
95	c1z6rC_	Alignment	not modelled	81.2	14	PDB header: transcription Chain: C: PDB Molecule: mlc protein; PDBTitle: crystal structure of mlc from escherichia coli
96	c5bqtC_	Alignment	not modelled	81.0	13	PDB header: dna binding protein Chain: C: PDB Molecule: putative hth-type transcriptional regulator trmb12; PDBTitle: structure of trmb12, an archaeal chromatin protein, shows a novel mode2 of dna binding.
97	d1biaa1	Alignment	not modelled	80.9	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like
98	c3t8tA_	Alignment	not modelled	80.9	23	PDB header: unknown function Chain: A: PDB Molecule: staphylococcus aureus cymr (oxidized form); PDBTitle: crystal structure of staphylococcus aureus cymr oxidized form
99	c3g3zA_	Alignment	not modelled	80.8	16	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: the structure of nmb1585, a marr family regulator from neisseria2 meningitidis
100	c5xe7A_	Alignment	not modelled	80.8	21	PDB header: dna binding protein Chain: A: PDB Molecule: ecf rna polymerase sigma factor sigj; PDBTitle: crystal structure of mycobacterium tuberculosis extracytoplasmic2 function sigma factor sigj
101	c3mq0A_	Alignment	not modelled	80.6	24	PDB header: transcription repressor Chain: A: PDB Molecule: transcriptional repressor of the blcabc operon; PDBTitle: crystal structure of agobacterium tumefaciens repressor blcr
102	c2pjpA_	Alignment	not modelled	80.4	11	PDB header: translation/rna Chain: A: PDB Molecule: selenocysteine-specific elongation factor; PDBTitle: structure of the mrna-binding domain of elongation factor2 selb from e.coli in complex with secis rna
103	c2zmeA_	Alignment	not modelled	80.0	26	PDB header: protein transport Chain: A: PDB Molecule: vacuolar-sorting protein snf8; PDBTitle: integrated structural and functional model of the human escrt-ii2 complex

104	c2zmeB_	Alignment	not modelled	79.9	19	PDB header: protein transport Chain: B: PDB Molecule: vacuolar protein-sorting-associated protein 36; PDBTitle: integrated structural and functional model of the human escrt-ii2 complex
105	c5zc2B_	Alignment	not modelled	79.9	14	PDB header: flavoprotein Chain: B: PDB Molecule: p-hydroxyphenylacetate 3-hydroxylase, reductase component; PDBTitle: acinetobacter baumannii p-hydroxyphenylacetate 3-hydroxylase (hpah),2 reductase component (c1)
106	c3e6mD_	Alignment	not modelled	79.0	17	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.
107	d2fbia1	Alignment	not modelled	78.9	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
108	c4wd9B_	Alignment	not modelled	78.8	15	PDB header: biosynthetic protein Chain: B: PDB Molecule: nisin biosynthesis protein nisb; PDBTitle: crystal structure of trna-dependent lantibiotic dehydratase nisb in2 complex with nisa leader peptide
109	c1or7A_	Alignment	not modelled	78.7	30	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
110	c4xrfA_	Alignment	not modelled	78.6	10	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of mepr like protein complexed with pseudoligands
111	c3hruA_	Alignment	not modelled	78.4	11	PDB header: transcription Chain: A: PDB Molecule: metalloregulator scar; PDBTitle: crystal structure of scar with bound zn2+
112	d3ctaa1	Alignment	not modelled	78.4	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
113	d2cg4a1	Alignment	not modelled	77.8	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
114	c2fa5B_	Alignment	not modelled	77.7	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
115	c2zkzC_	Alignment	not modelled	77.4	17	PDB header: transcription Chain: C: PDB Molecule: transcriptional repressor pagr; PDBTitle: crystal structure of the transcriptional repressor pagr of bacillus2 anthracis
116	c5duka_	Alignment	not modelled	77.1	16	PDB header: transcription Chain: A: PDB Molecule: putative dna binding protein; PDBTitle: n-terminal structure of putative dna binding transcription factor from2 thermoplasmatales archaeon scgc ab-539-n05
117	c3majA_	Alignment	not modelled	77.1	24	PDB header: dna binding protein Chain: A: PDB Molecule: dna processing chain a; PDBTitle: crystal structure of putative dna processing protein dpra from2 rhodopseudomonas palustris cga009
118	c4a6dA_	Alignment	not modelled	77.1	22	PDB header: transferase Chain: A: PDB Molecule: hydroxyindole o-methyltransferase; PDBTitle: crystal structure of human n-acetylserotonin2 methyltransferase (asmt) in complex with sam
119	c5hsmA_	Alignment	not modelled	77.0	14	PDB header: transcription Chain: A: PDB Molecule: uncharacterized hth-type transcriptional regulator rv2887; PDBTitle: crystal structure of mycobacterium tuberculosis marr family protein2 rv2887
120	c4o6jA_	Alignment	not modelled	77.0	20	PDB header: metal binding protein Chain: A: PDB Molecule: iron-dependent transcription repressor related protein; PDBTitle: crystal structure of t. acidophilum ider