
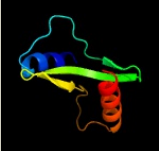











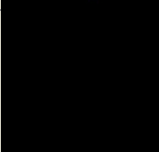



















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3294c (-)_3675183_3675992
Date	Thu Aug 8 16:20:50 BST 2019
Unique Job ID	6d88ffd586337cce

Detailed template
information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3fovA_	 Alignment		96.9	30	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: upf0102 protein rpa0323; PDBTitle: crystal structure of protein rpa0323 of unknown function from2 rhodopseudomonas palustris
2	d1xma_	 Alignment		96.9	17	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Hypothetical protein VC1899
3	c6j0eB_	 Alignment		95.8	22	PDB header: transcription Chain: B: PDB Molecule: arsenic responsive repressor arsr; PDBTitle: structures of two arsr as(iii)-responsive repressors: implications for2 the mechanism of derepression
4	d1ulya_	 Alignment		95.7	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Hypothetical protein PH1932
5	c6j05B_	 Alignment		95.5	18	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
6	c5dukA_	 Alignment		95.1	26	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
7	d2d1ha1	 Alignment		94.6	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like
8	c3cuoB_	 Alignment		94.4	9	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
9	c3t8tA_	 Alignment		94.4	17	PDB header: unknown function Chain: A: PDB Molecule: staphylococcus aureus cymr (oxidized form); PDBTitle: crystal structure of staphylococcus aureus cymr oxidized form
10	c6cmvA_	 Alignment		94.4	23	PDB header: gene regulation Chain: A: PDB Molecule: transcriptional regulator lrs14-like protein; PDBTitle: crystal structure of archaeal biofilm regulator (abfr2) from2 sulfolobus acidocaldarius
11	d1biaa1	 Alignment		94.3	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like

12	c5tjA	Alignment		94.2	19	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, iclr family; PDBTitle: crystal structure of iclr transcriptional regulator from2 alicyclobacillus acidocaldarius
13	d1mkma1	Alignment		94.2	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator ICLR, N-terminal domain
14	c3r0aB	Alignment		94.1	11	PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: possible transcriptional regulator from methanosarcina mazei go1 (gi2 21227196)
15	d1gefa	Alignment		94.1	22	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Hjc-like
16	d1jhfa1	Alignment		94.0	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain
17	d1r1ta	Alignment		93.9	30	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
18	d1stza1	Alignment		93.8	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Heat-inducible transcription repressor HrcA, N-terminal domain
19	d1j5ya1	Alignment		93.8	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like
20	c3f6oB	Alignment		93.8	16	PDB header: transcription regulator Chain: B: PDB Molecule: probable transcriptional regulator, arsr family PDBTitle: crystal structure of arsr family transcriptional regulator,2 rha00566
21	c3zmdD	Alignment	not modelled	93.7	18	PDB header: transcription Chain: D: PDB Molecule: putative transcriptional regulator; PDBTitle: crystal structure of absc, a marr family transcriptional2 regulator from streptomyces coelicolor
22	c2oqgA	Alignment	not modelled	93.5	19	PDB header: transcription Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: arsr-like transcriptional regulator from rhodococcus sp. rha1
23	d3broa1	Alignment	not modelled	93.5	20	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
24	c1r22B	Alignment	not modelled	93.2	28	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
25	c4xqkB	Alignment	not modelled	93.2	23	PDB header: hydrolase/dna Chain: B: PDB Molecule: llabiii; PDBTitle: atp-dependent type isp restriction-modification enzyme llabiii bound2 to dna
26	c1mkmA	Alignment	not modelled	93.1	13	PDB header: transcription Chain: A: PDB Molecule: iclr transcriptional regulator; PDBTitle: crystal structure of the thermotoga maritima iclr
27	c4r1hA	Alignment	not modelled	93.1	21	PDB header: transcription regulator Chain: A: PDB Molecule: lmo0741 protein; PDBTitle: gntR family transcriptional regulator from listeria monocytogenes
28	c2kkoB	Alignment	not modelled	93.0	18	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.
29	c3f6vA_	Alignment	not modelled	92.9	26	PDB header: transcription regulator Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: crystal structure of possible transcriptional regulator for arsenical2 resistance
30	d2p4wa1	Alignment	not modelled	92.8	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: PF1790-like
31	d3bwga1	Alignment	not modelled	92.8	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
32	c6az6B_	Alignment	not modelled	92.7	21	PDB header: transcription Chain: B: PDB Molecule: gntR family transcriptional regulator; PDBTitle: streptococcus agalactiae gntR
33	c3zplE_	Alignment	not modelled	92.6	16	PDB header: transcription/dna Chain: E: PDB Molecule: putative marr-family transcriptional repressor; PDBTitle: crystal structure of sco3205, a marr family transcriptional regulator2 from streptomyces coelicolor, in complex with dna
34	c4egzA_	Alignment	not modelled	92.5	8	PDB header: transcription/dna Chain: A: PDB Molecule: arabinose metabolism transcriptional repressor; PDBTitle: crystal structure of arar(dbd) in complex with operator orr3
35	c4omzG_	Alignment	not modelled	92.5	19	PDB header: transcription Chain: G: PDB Molecule: nolr; PDBTitle: crystal structure of nolr from sinorhizobium fredii
36	c3by6C_	Alignment	not modelled	92.4	17	PDB header: transcription regulator Chain: C: PDB Molecule: predicted transcriptional regulator; PDBTitle: crystal structure of a transcriptional regulator from oenococcus oeni
37	c3bwgA_	Alignment	not modelled	92.4	21	PDB header: transcription regulator Chain: A: PDB Molecule: uncharacterized hth-type transcriptional regulator yydk; PDBTitle: the crystal structure of possible transcriptional regulator yydk from2 bacillus subtilis subsp. subtilis str. 168
38	c5kvrA_	Alignment	not modelled	92.4	23	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
39	c3k69A_	Alignment	not modelled	92.4	15	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
40	c5y6iB_	Alignment	not modelled	92.3	20	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator kdgr; PDBTitle: crystal structure of pseudomonas aeruginosa hmgr
41	d2cg4a1	Alignment	not modelled	92.2	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
42	c6hsdB_	Alignment	not modelled	92.2	12	PDB header: transcription Chain: B: PDB Molecule: rrf2 family transcriptional regulator; PDBTitle: crystal structure of the oxidized form of the transcription regulator2 rsrr
43	d1r1ua_	Alignment	not modelled	92.2	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators
44	c3jthA_	Alignment	not modelled	92.1	18	PDB header: transcription Chain: A: PDB Molecule: transcription activator hlyu; PDBTitle: crystal structure of a transcriptional regulator hlyu from2 vibrio vulnificus cmcp6
45	d1ub9a_	Alignment	not modelled	92.1	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
46	d1y88a2	Alignment	not modelled	92.1	17	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: MRR-like
47	c3neuA_	Alignment	not modelled	92.0	10	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
48	d1ilga1	Alignment	not modelled	91.9	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
49	c2di3A_	Alignment	not modelled	91.8	15	PDB header: transcription Chain: A: PDB Molecule: bacterial regulatory proteins, gntR family; PDBTitle: crystal structure of the transcriptional factor cglI29152 from corynebacterium glutamicum
50	c2du9A_	Alignment	not modelled	91.7	18	PDB header: transcription Chain: A: PDB Molecule: predicted transcriptional regulators; PDBTitle: crystal structure of the transcriptional factor from c.glutamicum
51	c3f8mA_	Alignment	not modelled	91.7	20	PDB header: transcription Chain: A: PDB Molecule: gntR-family protein transcriptional regulator; PDBTitle: crystal structure of phnf from mycobacterium smegmatis
52	d1hw1a1	Alignment	not modelled	91.7	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
53	c2fv4B_	Alignment	not modelled	91.7	14	PDB header: dna binding protein Chain: B: PDB Molecule: ferric uptake regulation protein;

53	c2r4B	Alignment	not modelled	91.7	14	PDBTitle: crystal structure of the dna binding domain of e.coli fur (ferric2 uptake regulator)
54	c6hz9N	Alignment	not modelled	91.7	12	PDB header: dna binding protein Chain: N: PDB Molecule: protein mcrc; PDBTitle: structure of mcrc without dna binding domains (class 5)
55	c2hs5A	Alignment	not modelled	91.6	13	PDB header: transcription regulator Chain: A: PDB Molecule: putative transcriptional regulator gntr; PDBTitle: structural genomics, the crystal structure of a putative2 transcriptional regulator gntr from rhodococcus sp. rha1
56	d2hs5a1	Alignment	not modelled	91.5	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: GntR-like transcriptional regulators
57	c3pqkD	Alignment	not modelled	91.4	21	PDB header: transcription Chain: D: PDB Molecule: biofilm growth-associated repressor; PDBTitle: crystal structure of the transcriptional repressor bigr from xylella2 fastidiosa
58	c3edpB	Alignment	not modelled	91.4	18	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: lin2111 protein; PDBTitle: the crystal structure of the protein lin2111 (functionally unknown)2 from listeria innocua clip11262
59	c3ihuA	Alignment	not modelled	91.4	11	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, gntr family; PDBTitle: crystal structure of dna binding protein (yp_298823.1) from ralstonia2 eutropha jmp134 at 1.92 a resolution
60	d1ku9a	Alignment	not modelled	91.4	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: DNA-binding protein Mj223
61	d1p4xa2	Alignment	not modelled	91.3	6	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
62	c6sbsB	Alignment	not modelled	91.2	15	PDB header: transcription Chain: B: PDB Molecule: regulatory protein; PDBTitle: ytra from sulfobolus acidocaldarius, a gntr-family transcription2 factor
63	d1hh1a	Alignment	not modelled	91.1	25	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Hjc-like
64	c2lkbB	Alignment	not modelled	91.1	19	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, arsr family; PDBTitle: solution structure of apo-nmr
65	c2l4aA	Alignment	not modelled	91.0	12	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
66	c3c7jA	Alignment	not modelled	91.0	21	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, gntr family; PDBTitle: crystal structure of transcriptional regulator (gntr family member)2 from pseudomonas syringae pv. tomato str. dc3000
67	c4zs8A	Alignment	not modelled	91.0	18	PDB header: transcription Chain: A: PDB Molecule: hth-type transcriptional repressor dasr; PDBTitle: crystal structure of ligand-free, full length dasr
68	d2cfxa1	Alignment	not modelled	90.9	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
69	d1hsja1	Alignment	not modelled	90.8	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
70	d1z05a1	Alignment	not modelled	90.8	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ROK associated domain
71	c3nqoB	Alignment	not modelled	90.7	16	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
72	c2xroE	Alignment	not modelled	90.7	23	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
73	c3hruA	Alignment	not modelled	90.6	18	PDB header: transcription Chain: A: PDB Molecule: metalloregulator scar; PDBTitle: crystal structure of scar with bound zn2+
74	c4hamA	Alignment	not modelled	90.5	11	PDB header: transcription Chain: A: PDB Molecule: lmo2241 protein; PDBTitle: crystal structure of transcriptional antiterminator from listeria2 monocytogenes egd-e
75	d2frha1	Alignment	not modelled	90.5	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
76	c2h09A	Alignment	not modelled	90.5	22	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator mntr; PDBTitle: crystal structure of diphtheria toxin repressor like protein2 from e. coli
77	c2v79B	Alignment	not modelled	90.4	10	PDB header: dna binding protein Chain: B: PDB Molecule: dna replication protein dnad; PDBTitle: crystal structure of the n-terminal domain of dnad from bacillus2 subtilis
78	c2g7uB	Alignment	not modelled	90.3	20	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: transcriptional regulator; PDBTitle: 2.3 a structure of putative catechol degradative operon regulator from2 rhodococcus sp. rha1
79	c5whmB	Alignment	not modelled	90.3	12	PDB header: transcription Chain: B: PDB Molecule: iclr family transcriptional regulator; PDBTitle: crystal structure of iclr family transcriptional regulator from2 brucella abortus
						PDB header: transcription

80	c6ep3B_	Alignment	not modelled	90.2	13	Chain: B: PDB Molecule: lmo0651 protein; PDBTitle: lar controls the expression of the listeria monocytogenes agr system2 and mediates virulence.
81	d1mzba_	Alignment	not modelled	90.2	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: FUR-like
82	c2vbzA_	Alignment	not modelled	90.1	33	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
83	c2cg4B_	Alignment	not modelled	90.0	12	PDB header: transcription Chain: B: PDB Molecule: regulatory protein asnc; PDBTitle: structure of e.coli asnc
84	c3eetA_	Alignment	not modelled	90.0	12	PDB header: transcription regulator Chain: A: PDB Molecule: putative gntr-family transcriptional regulator; PDBTitle: crystal structure of putative gntr-family transcriptional2 regulator
85	d2cyya1	Alignment	not modelled	89.9	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
86	c2e7xA_	Alignment	not modelled	89.8	26	PDB header: transcription regulator Chain: A: PDB Molecule: 150aa long hypothetical transcriptional regulator; PDBTitle: structure of the lrp/asnc like transcriptional regulator from2 sulfobolus tokodaii 7 complexed with its cognate ligand
87	c2p6tH_	Alignment	not modelled	89.7	15	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
88	c2eo0A_	Alignment	not modelled	89.6	23	PDB header: dna binding protein Chain: A: PDB Molecule: hypothetical protein st1444; PDBTitle: crystal structure of holliday junction resolvase st1444
89	c4dapA_	Alignment	not modelled	89.6	15	PDB header: dna binding protein Chain: A: PDB Molecule: sugar fermentation stimulation protein a; PDBTitle: the structure of escherichia coli sfsa
90	c3rkxA_	Alignment	not modelled	89.6	16	PDB header: ligase Chain: A: PDB Molecule: biotin-[acetyl-coa-carboxylase] ligase; PDBTitle: structural characterisation of staphylococcus aureus biotin protein2 ligase
91	c3fmsA_	Alignment	not modelled	89.5	21	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, gntr family; PDBTitle: crystal structure of tm0439, a gntr transcriptional regulator
92	c1j5yA_	Alignment	not modelled	89.3	20	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
93	c4pcqC_	Alignment	not modelled	89.3	24	PDB header: transcription Chain: C: PDB Molecule: possible transcriptional regulatory protein (probably PDBTitle: crystal structure of mtbaldr (rv2779c)
94	c5jbrA_	Alignment	not modelled	89.2	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein bcav_2135; PDBTitle: crystal structure of uncharacterized protein bcav_2135 from2 beutenbergia cavernae
95	c2o0yB_	Alignment	not modelled	89.2	13	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator; PDBTitle: crystal structure of putative transcriptional regulator rha1_ro069532 (iclr-family) from rhodococcus sp.
96	d1ob8a_	Alignment	not modelled	89.1	18	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Hjc-like
97	c1e2xA_	Alignment	not modelled	89.1	13	PDB header: transcriptional regulation Chain: A: PDB Molecule: fatty acid metabolism regulator protein; PDBTitle: fadr, fatty acid responsive transcription factor from e.2 coli
98	c4p96B_	Alignment	not modelled	89.1	15	PDB header: transcription Chain: B: PDB Molecule: fatty acid metabolism regulator protein; PDBTitle: fadr, fatty acid responsive transcription factor from vibrio cholerae
99	c5nl9B_	Alignment	not modelled	89.1	10	PDB header: dna binding protein Chain: B: PDB Molecule: transcriptional regulator (fur family); PDBTitle: crystal structure of a peroxide stress regulator from leptospira2 interrogans
100	c2w57A_	Alignment	not modelled	89.1	14	PDB header: metal transport Chain: A: PDB Molecule: ferric uptake regulation protein; PDBTitle: crystal structure of the vibrio cholerae ferric uptake2 regulator (fur) reveals structural rearrangement of the3 dna-binding domains
101	c5w1eA_	Alignment	not modelled	89.0	13	PDB header: transcription Chain: A: PDB Molecule: putative transcriptional regulator; PDBTitle: pobr in complex with phb
102	d3ctaa1	Alignment	not modelled	89.0	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
103	c3ctaA_	Alignment	not modelled	88.9	20	PDB header: transferase Chain: A: PDB Molecule: riboflavin kinase; PDBTitle: crystal structure of riboflavin kinase from thermoplasma acidophilum
104	c2jscB_	Alignment	not modelled	88.9	16	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator rv1994c/mt2050; PDBTitle: nmr structure of the cadmium metal-sensor cmtr from mycobacterium2 tuberculosis
						PDB header: transcription/dna Chain: A: PDB Molecule: putative hth-type transcriptional regulator

105	c2e1cA_	Alignment	not modelled	88.7	14	ph1519; PDBTitle: structure of putative hth-type transcriptional regulator ph1519/dna2 complex
106	c2wj0B_	Alignment	not modelled	88.7	20	PDB header: hydrolase/dna Chain: B: PDB Molecule: archaeal hjc; PDBTitle: crystal structures of holliday junction resolvases from2 archaeoglobus fulgidus bound to dna substrate
107	c4davA_	Alignment	not modelled	88.6	28	PDB header: hydrolase/dna Chain: A: PDB Molecule: sugar fermentation stimulation protein homolog; PDBTitle: the structure of pyrococcus furiosus sfsa in complex with dna
108	c4nb5D_	Alignment	not modelled	88.6	12	PDB header: dna binding protein Chain: D: PDB Molecule: dna binding protein; PDBTitle: crystal structure of a transcriptional regulator
109	c2it0A_	Alignment	not modelled	88.6	16	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
110	d1ylfa1	Alignment	not modelled	88.5	9	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator Rrf2
111	c2wteB_	Alignment	not modelled	88.4	16	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.
112	c2dbbA_	Alignment	not modelled	88.4	21	PDB header: transcriptional regulator Chain: A: PDB Molecule: putative hth-type transcriptional regulator ph0061; PDBTitle: crystal structure of ph0061
113	c1y88A_	Alignment	not modelled	88.2	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein af1548; PDBTitle: crystal structure of protein of unknown function af1548
114	c2cfxD_	Alignment	not modelled	88.2	19	PDB header: transcription Chain: D: PDB Molecule: hth-type transcriptional regulator lrpc; PDBTitle: structure of b.subtilis lrpc
115	c2ia0A_	Alignment	not modelled	88.2	26	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)
116	c5fd6A_	Alignment	not modelled	88.1	18	PDB header: transcription Chain: A: PDB Molecule: ferric uptake regulation protein; PDBTitle: zinc-bound manganese uptake regulator
117	c3i4pA_	Alignment	not modelled	88.1	19	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, asnc family; PDBTitle: crystal structure of asnc family transcriptional regulator from2 agrobacterium tumefaciens
118	c4hf1B_	Alignment	not modelled	88.0	10	PDB header: transcription/dna Chain: B: PDB Molecule: hth-type transcriptional regulator iscr; PDBTitle: crystal structure of iscr bound to its promoter
119	c2fe3B_	Alignment	not modelled	88.0	7	PDB header: dna binding protein Chain: B: PDB Molecule: peroxide operon regulator; PDBTitle: the crystal structure of bacillus subtilis perr-zn reveals a novel2 zn(cys)4 structural redox switch
120	d1u2wa1	Alignment	not modelled	88.0	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArSR-like transcriptional regulators