
























Phyre2


Email	I.a.kelley@imperial.ac.uk
Description	P24202
Date	Thu Jan 5 11:41:11 GMT 2012
Unique Job ID	e9b419f6a34071c2


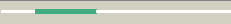


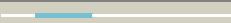




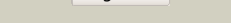
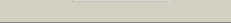
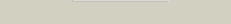
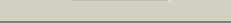
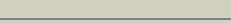
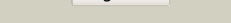
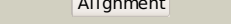
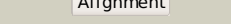
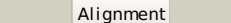



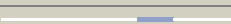


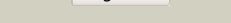
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1y88a2	 Alignment		99.9	19	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: MRR-like
2	c1y88A	 Alignment		99.9	19	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein af1548; PDBTitle: crystal structure of protein of unknown function af1548
3	d1xmx_	 Alignment		96.6	13	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Hypothetical protein VC1899
4	c3fovA	 Alignment		95.9	23	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
5	c3b73A	 Alignment		95.9	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: phiH1 repressor-like protein; PDBTitle: crystal structure of the phiH1 repressor-like protein from2 haloarcula marismortui
6	d1gefa	 Alignment		95.5	15	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Hjc-like
7	d1ob8a	 Alignment		94.9	15	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Hjc-like
8	d1r7ja	 Alignment		94.8	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Archaeal DNA-binding protein
9	c3l7wA	 Alignment		93.8	18	PDB header: transcription Chain: A: PDB Molecule: putative uncharacterized protein smu.1704; PDBTitle: the crystal structure of smu.1704 from streptococcus mutans ua159
10	c3f8fA	 Alignment		93.5	21	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, padr-like family; PDBTitle: crystal structure of multidrug binding transcriptional regulator Imr2 complexed with daunomycin
11	d1uhma	 Alignment		93.0	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Linker histone H1/H5

12	c1g3wA_	Alignment		92.7	20	PDB header: gene regulation Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: cd-cys102ser dtxr
13	c2dqlA_	Alignment		92.6	18	PDB header: circadian clock protein Chain: A: PDB Molecule: pex protein; PDBTitle: crytal structure of the circadian clock associated protein2 pex from anabaena
14	c1fx7C_	Alignment		92.4	18	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
15	c2it0A_	Alignment		92.3	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
16	c3l09B_	Alignment		92.2	19	PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: crystal structure of putative transcriptional regulator2 (jann_22dec04_contig27_revised_gene3569) from jannaschia sp. ccs1 at3 2.81 a resolution
17	c1f5tA_	Alignment		91.8	16	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
18	d1yg2a_	Alignment		91.0	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: PadR-like
19	c2e1nA_	Alignment		90.8	18	PDB header: circadian clock protein Chain: A: PDB Molecule: pex; PDBTitle: crystal structure of the cyanobacterium circadian clock modifier pex
20	c3hhaA_	Alignment		90.4	18	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, padr family; PDBTitle: crystal structure of transcriptional regulator, a member of padr2 family, from enterococcus faecalis v583
21	c1xmaA_	Alignment	not modelled	90.4	19	PDB header: transcription Chain: A: PDB Molecule: predicted transcriptional regulator; PDBTitle: structure of a transcriptional regulator from clostridium thermocellum2 cth-833
22	d1xmaa_	Alignment	not modelled	90.4	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: PadR-like
23	c2rqpA_	Alignment	not modelled	89.9	15	PDB header: gene regulation Chain: A: PDB Molecule: heterochromatin protein 1-binding protein 3; PDBTitle: the solution structure of heterochromatin protein 1-binding2 protein 74 histone h1 like domain
24	d1ussa_	Alignment	not modelled	89.7	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Linker histone H1/H5
25	d1hsta_	Alignment	not modelled	89.4	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Linker histone H1/H5
26	c2h09A_	Alignment	not modelled	89.2	26	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator mntr; PDBTitle: crystal structure of diphtheria toxin repressor like protein2 from e. coli
27	c3df8A_	Alignment	not modelled	88.8	20	PDB header: transcription Chain: A: PDB Molecule: possible hxlr family transcriptional factor; PDBTitle: the crystal structure of a possible hxlr family transcriptional factor2 from thermoplasma volcanium gss1
28	c3kfwX_	Alignment	not modelled	87.4	22	PDB header: structural genomics, unknown function Chain: X: PDB Molecule: uncharacterized protein; PDBTitle: uncharacterized protein rv0674 from mycobacterium

					tuberculosis
29	d1usta_	Alignment	not modelled	87.1	16 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Linker histone H1/H5
30	d2esha1	Alignment	not modelled	87.1	15 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: PadR-like
31	d1dzfa1	Alignment	not modelled	87.0	17 Fold: Restriction endonuclease-like Superfamily: Eukaryotic RPB5 N-terminal domain Family: Eukaryotic RPB5 N-terminal domain
32	c3elkA_	Alignment	not modelled	87.0	21 PDB header: transcription regulator Chain: A: PDB Molecule: putative transcriptional regulator ta0346; PDBTitle: crystal structure of putative transcriptional regulator ta0346 from2 thermoplasma acidophilum
33	c3l9fD_	Alignment	not modelled	87.0	15 PDB header: transcription regulator Chain: D: PDB Molecule: putative uncharacterized protein smu.1604c; PDBTitle: the crystal structure of smu.1604c from streptococcus mutans ua159
34	d1yqaa1	Alignment	not modelled	84.3	15 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Linker histone H1/H5
35	c2wj0B_	Alignment	not modelled	83.2	23 PDB header: hydrolase/dna Chain: B: PDB Molecule: archaeal hjc; PDBTitle: crystal structures of holliday junction resolvases from2 archaeoglobus fulgidus bound to dna substrate
36	d1ub9a_	Alignment	not modelled	82.8	21 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
37	d2v7fa1	Alignment		81.2	15 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Rps19E-like
38	d1in4a1	Alignment	not modelled	80.9	13 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Helicase DNA-binding domain
39	c3hruA_	Alignment	not modelled	79.7	16 PDB header: transcription Chain: A: PDB Molecule: metalloregulator scar; PDBTitle: crystal structure of scar with bound zn2+
40	c3ri2B_	Alignment	not modelled	79.4	25 PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, padr-like family; PDBTitle: crystal structure of padr family transcriptional regulator from2 eggerthella lenta dsm 2243
41	d2fnaa1	Alignment	not modelled	77.6	17 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Helicase DNA-binding domain
42	d2fswa1	Alignment	not modelled	76.9	20 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: HxIR-like
43	d3ctaa1	Alignment	not modelled	76.0	16 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
44	c1y1yE_	Alignment	not modelled	74.7	17 PDB header: transferase/transcription/dna-rna hybrid Chain: E: PDB Molecule: dna-directed rna polymerases i, ii, and iii 27 PDBTitle: rna polymerase ii-tfiis-dna/rna complex
45	c2ev5B_	Alignment	not modelled	74.5	26 PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator mntr; PDBTitle: bacillus subtilis manganese transport regulator (mntr)2 bound to calcium
46	d1ixsb1	Alignment	not modelled	73.5	28 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Helicase DNA-binding domain
47	c3h0gE_	Alignment	not modelled	73.3	22 PDB header: transcription Chain: E: PDB Molecule: dna-directed rna polymerases i, ii, and iii PDBTitle: rna polymerase ii from schizosaccharomyces pombe
48	d2hr3a1	Alignment	not modelled	72.8	20 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
49	d1hh1a_	Alignment	not modelled	72.3	13 Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Hjc-like
50	d1d5va_	Alignment	not modelled	71.8	11 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Forkhead DNA-binding domain
51	c3jyvT_	Alignment	not modelled	71.7	12 PDB header: ribosome Chain: T: PDB Molecule: s19e protein; PDBTitle: structure of the 40s rna and proteins and p/e trna for eukaryotic2 ribosome based on cryo-em map of thermomyces lanuginosus ribosome at3 8.9a resolution
52	c3f6oB_	Alignment	not modelled	70.5	16 PDB header: transcription regulator Chain: B: PDB Molecule: probable transcriptional regulator, arsr family PDBTitle: crystal structure of arsr family transcriptional regulator,2 rha00566
53	d2fbha1	Alignment	not modelled	70.4	24 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain

						Family: MarR-like transcriptional regulators
54	c3iz6S	Alignment	not modelled	69.8	15	PDB header: ribosome Chain: S: PDB Molecule: 40s ribosomal protein s19 (s19e); PDBTitle: localization of the small subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
55	c3lmmA	Alignment	not modelled	69.3	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of the dip2311 protein from2 corynebacterium diphtheriae, northeast structural genomics3 consortium target cdr35
56	dlz7ua1	Alignment	not modelled	68.8	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: HxIR-like
57	c3f6vA	Alignment	not modelled	68.0	18	PDB header: transcription regulator Chain: A: PDB Molecule: possible transcriptional regulator, arsr family PDBTitle: crystal structure of possible transcriptional regulator for2 arsenical resistance
58	c2x4hA	Alignment	not modelled	67.9	20	PDB header: transcription Chain: A: PDB Molecule: hypothetical protein sso2273; PDBTitle: crystal structure of the hypothetical protein sso2273 from2 sulfolobus solfataricus
59	dltw3a1	Alignment	not modelled	67.8	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Plant O-methyltransferase, N-terminal domain
60	c3ctaA	Alignment	not modelled	65.3	20	PDB header: transferase Chain: A: PDB Molecule: riboflavin kinase; PDBTitle: crystal structure of riboflavin kinase from thermoplasma2 acidophilum
61	c3boqB	Alignment	not modelled	65.2	23	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcriptional regulator from2 silicibacter pomeroyi
62	dlghca	Alignment	not modelled	61.6	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Linker histone H1/H5
63	dlixrc1	Alignment	not modelled	60.5	28	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Helicase DNA-binding domain
64	d2f2ea1	Alignment	not modelled	60.2	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: HxIR-like
65	d2hfha	Alignment	not modelled	58.9	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Forkhead DNA-binding domain
66	dlj75a	Alignment	not modelled	56.9	20	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Z-DNA binding domain
67	c2krcA	Alignment	not modelled	56.8	17	PDB header: transcription Chain: A: PDB Molecule: dna-directed rna polymerase subunit delta; PDBTitle: solution structure of the n-terminal domain of bacillus2 subtilis delta subunit of rna polymerase
68	c3deuB	Alignment	not modelled	54.2	20	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator slyA; PDBTitle: crystal structure of transcription regulatory protein slyA2 from salmonella typhimurium in complex with salicylate3 ligands
69	d2foka2	Alignment	not modelled	54.0	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Restriction endonuclease FokI, N-terminal (recognition) domain
70	c1fokaA	Alignment		52.8	25	PDB header: hydrolase/dna Chain: A: PDB Molecule: protein (foki restriction endonuclease); PDBTitle: structure of restriction endonuclease foki bound to dna
71	c2du9A	Alignment	not modelled	49.7	13	PDB header: transcription Chain: A: PDB Molecule: predicted transcriptional regulators; PDBTitle: crystal structure of the transcriptional factor from c.glutamicum
72	c2xznT	Alignment	not modelled	49.2	12	PDB header: ribosome Chain: T: PDB Molecule: rps19e; PDBTitle: crystal structure of the eukaryotic 40s ribosomal2 subunit in complex with initiation factor 1. this file3 contains the 40s subunit and initiation factor for4 molecule 2
73	c3ff4A	Alignment	not modelled	47.3	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of uncharacterized protein chu_1412
74	c2fa5B	Alignment	not modelled	45.6	30	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
75	c3jthA	Alignment	not modelled	45.4	11	PDB header: transcription Chain: A: PDB Molecule: transcription activator hlyu; PDBTitle: crystal structure of a transcriptional regulator hlyu from2 vibrio vulnificus cmcp6
76	dlxmka1	Alignment	not modelled	45.0	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Z-DNA binding domain
77	d2a07f1	Alignment	not modelled	44.9	9	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Forkhead DNA-binding domain

78	c3fm5D	 Alignment	not modelled	44.7	24	PDB header: transcription regulator Chain: D: PDB Molecule: transcriptional regulator; PDBTitle: x-ray crystal structure of transcriptional regulator (marr family)2 from rhodococcus sp. rha1
79	d2fxaa1	 Alignment	not modelled	41.9	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
80	c2zkzC	 Alignment	not modelled	40.5	12	PDB header: transcription Chain: C: PDB Molecule: transcriptional repressor pagr; PDBTitle: crystal structure of the transcriptional repressor pagr of bacillus2 anthracis
81	c3mwmA	 Alignment	not modelled	39.4	22	PDB header: transcription Chain: A: PDB Molecule: putative metal uptake regulation protein; PDBTitle: graded expression of zinc-responsive genes through two regulatory2 zinc-binding sites in zur
82	c1e17A	 Alignment	not modelled	38.4	14	PDB header: dna binding domain Chain: A: PDB Molecule: afx; PDBTitle: solution structure of the dna binding domain of the human2 forkhead transcription factor afx (foxo4)
83	c3f3xA	 Alignment	not modelled	37.0	20	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family, putative; PDBTitle: crystal structure of the transcriptional regulator bldr2 from sulfolobus solfataricus
84	c2kkoB	 Alignment	not modelled	36.9	15	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.
85	d2etha1	 Alignment	not modelled	35.7	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
86	d1yyva1	 Alignment	not modelled	35.0	25	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: HxlR-like
87	c2nnnB	 Alignment	not modelled	33.5	21	PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulator; PDBTitle: crystal structure of probable transcriptional regulator from2 pseudomonas aeruginosa
88	c2qvoA	 Alignment	not modelled	33.1	19	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein af_1382; PDBTitle: crystal structure of af1382 from archaeoglobus fulgidus
89	d1mkma1	 Alignment	not modelled	32.4	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator IclR, N-terminal domain
90	c3i53A	 Alignment	not modelled	30.8	26	PDB header: transferase Chain: A: PDB Molecule: o-methyltransferase; PDBTitle: crystal structure of an o-methyltransferase (ncsb1) from2 neocarzinostatin biosynthesis in complex with s-adenosyl-l-3 homocysteine (sah)
91	d2d1ha1	 Alignment	not modelled	30.5	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like
92	c2vldA	 Alignment	not modelled	30.2	18	PDB header: hydrolase Chain: A: PDB Molecule: upf0286 protein pyrab01260; PDBTitle: crystal structure of a repair endonuclease from pyrococcus2 abyssi
93	c2rkhA	 Alignment	not modelled	29.7	20	PDB header: transcription Chain: A: PDB Molecule: putative apha-like transcription factor; PDBTitle: crystal structure of a putative apha-like transcription factor2 (zp_00208345.1) from magnetospirillum magnetotacticum ms-1 at 2.00 a3 resolution
94	c2oqgA	 Alignment	not modelled	29.0	13	PDB header: transcription Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: arsr-like transcriptional regulator from rhodococcus sp. rha1
95	c2y75F	 Alignment	not modelled	28.8	19	PDB header: transcription Chain: F: PDB Molecule: hth-type transcriptional regulator cymr; PDBTitle: the structure of cymr (yrzc) the global cysteine regulator2 of b. subtilis
96	d2c6ya1	 Alignment	not modelled	28.4	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Forkhead DNA-binding domain
97	c3dnxA	 Alignment	not modelled	28.3	26	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein spo1766; PDBTitle: spo1766 protein of unknown function from silicibacter pomeroyi.
98	c3bddD	 Alignment	not modelled	27.0	11	PDB header: transcription Chain: D: PDB Molecule: regulatory protein marr; PDBTitle: crystal structure of a putative multiple antibiotic-resistance2 repressor (ssu05_1136) from streptococcus suis 89/1591 at 2.20 a3 resolution
99	d1xd7a	 Alignment	not modelled	26.2	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator Rrf2
100	d2d59a1	 Alignment	not modelled	25.7	21	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: CoA-binding domain
101	d1lj9a	 Alignment	not modelled	25.5	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
		 Alignment				Fold: DNA/RNA-binding 3-helical bundle

102	d2fbia1	Alignment	not modelled	25.0	17	Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
103	d2axla1	Alignment	not modelled	23.5	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: RecQ helicase DNA-binding domain-like
104	d1s3ja_	Alignment	not modelled	22.4	18	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators
105	c2jtvA_	Alignment	not modelled	22.1	23	PDB header: structural genomics Chain: A: PDB Molecule: protein of unknown function; PDBTitle: solution structure of protein rpa3401, northeast structural genomics2 consortium target rpt7, ontario center for structural proteomics3 target rp3384
106	c2qm3A_	Alignment	not modelled	21.7	21	PDB header: transferase Chain: A: PDB Molecule: predicted methyltransferase; PDBTitle: crystal structure of a predicted methyltransferase from pyrococcus2 furiosus
107	c1r22B_	Alignment	not modelled	21.1	11	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
108	c2fu4B_	Alignment	not modelled	20.6	18	PDB header: dna binding protein Chain: B: PDB Molecule: ferric uptake regulation protein; PDBTitle: crystal structure of the dna binding domain of e.coli fur (ferric2 uptake regulator)
109	d2p4wa1	Alignment	not modelled	20.4	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: PF1790-like