


























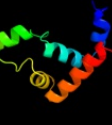




# Phyre2

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Description	P03856
Date	Thu Jan 5 10:58:05 GMT 2012
Unique Job ID	d6b5b8aefbfafc8d

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2z9oB_</a>	 Alignment		100.0	99	<b>PDB header:</b> replication/dna <b>Chain:</b> B: <b>PDB Molecule:</b> replication initiation protein; <b>PDBTitle:</b> crystal structure of the dimeric form of repe in complex with the repe2 operator dna
2	<a href="#">c2nraC_</a>	 Alignment		100.0	19	<b>PDB header:</b> replication/dna <b>Chain:</b> C: <b>PDB Molecule:</b> pi protein; <b>PDBTitle:</b> crystal structure of pi initiator protein in complex with iteron dna
3	<a href="#">d1repc2</a>	 Alignment		100.0	100	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Replication initiation protein
4	<a href="#">d2nrac2</a>	 Alignment		100.0	21	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Replication initiation protein
5	<a href="#">d1hkqa_</a>	 Alignment		99.9	22	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Replication initiation protein
6	<a href="#">d2nrac1</a>	 Alignment		99.9	18	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Replication initiation protein
7	<a href="#">d1repc1</a>	 Alignment		99.9	99	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Replication initiation protein
8	<a href="#">d1jhfa1</a>	 Alignment		86.4	27	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> LexA repressor, N-terminal DNA-binding domain
9	<a href="#">c3r0aB_</a>	 Alignment		73.7	14	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> possible transcriptional regulator from methanosarcina mazei go1 (gi2 21227196)
10	<a href="#">c2v79B_</a>	 Alignment		68.5	13	<b>PDB header:</b> dna-binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> dna replication protein dnad; <b>PDBTitle:</b> crystal structure of the n-terminal domain of dnad from2 bacillus subtilis
11	<a href="#">d1stza1</a>	 Alignment		67.8	20	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Heat-inducible transcription repressor HrcA, N-terminal domain

12	<a href="#">d2cg4a1</a>	Alignment		60.1	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Lrp/AsnC-like transcriptional regulator N-terminal domain
13	<a href="#">d2d1ha1</a>	Alignment		58.1	15	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> TrmB-like
14	<a href="#">c2vn2B_</a>	Alignment		52.8	18	<b>PDB header:</b> replication <b>Chain:</b> B: <b>PDB Molecule:</b> chromosome replication initiation protein; <b>PDBTitle:</b> crystal structure of the n-terminal domain of dnaD protein2 from geobacillus kaustophilus hta426
15	<a href="#">c1x3uA_</a>	Alignment		51.1	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulatory protein fixj; <b>PDBTitle:</b> solution structure of the c-terminal transcriptional2 activator domain of fixj from sinorhizobium melilot
16	<a href="#">d1a04a1</a>	Alignment		50.2	18	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> C-terminal effector domain of the bipartite response regulators <b>Family:</b> GerE-like (LuxR/UhpA family of transcriptional regulators)
17	<a href="#">d1ku3a_</a>	Alignment		46.8	21	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Sigma3 and sigma4 domains of RNA polymerase sigma factors <b>Family:</b> Sigma4 domain
18	<a href="#">d1ku7a_</a>	Alignment		46.5	22	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Sigma3 and sigma4 domains of RNA polymerase sigma factors <b>Family:</b> Sigma4 domain
19	<a href="#">c1zljE_</a>	Alignment		45.5	16	<b>PDB header:</b> transcription <b>Chain:</b> E: <b>PDB Molecule:</b> dormancy survival regulator; <b>PDBTitle:</b> crystal structure of the mycobacterium tuberculosis hypoxic2 response regulator dosr c-terminal domain
20	<a href="#">d1s7oa_</a>	Alignment		41.8	25	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Sigma3 and sigma4 domains of RNA polymerase sigma factors <b>Family:</b> YlxM/p13-like
21	<a href="#">d2p7vb1</a>	Alignment	not modelled	41.4	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Sigma3 and sigma4 domains of RNA polymerase sigma factors <b>Family:</b> Sigma4 domain
22	<a href="#">d1tya_</a>	Alignment	not modelled	41.0	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Sigma3 and sigma4 domains of RNA polymerase sigma factors <b>Family:</b> Sigma4 domain
23	<a href="#">d1sfxa_</a>	Alignment	not modelled	40.7	22	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> TrmB-like
24	<a href="#">d1yioa1</a>	Alignment	not modelled	40.6	16	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> C-terminal effector domain of the bipartite response regulators <b>Family:</b> GerE-like (LuxR/UhpA family of transcriptional regulators)
25	<a href="#">c3nqoB_</a>	Alignment	not modelled	38.9	13	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> marr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of a marr family transcriptional regulator (cd1569)2 from clostridium difficile 630 at 2.20 a resolution
26	<a href="#">d1fsea_</a>	Alignment	not modelled	37.6	15	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> C-terminal effector domain of the bipartite response regulators <b>Family:</b> GerE-like (LuxR/UhpA family of transcriptional regulators)
27	<a href="#">d2etha1</a>	Alignment	not modelled	36.8	14	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
28	<a href="#">c2rniA_</a>	Alignment	not modelled	36.1	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator protein vrra; <b>PDBTitle:</b> nmr structure of the s. aureus vrra dna binding domain

29	<a href="#">d2cyya1</a>	Alignment	not modelled	35.5	23	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Lrp/AsnC-like transcriptional regulator N-terminal domain
30	<a href="#">d1l1ga1</a>	Alignment	not modelled	33.9	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Lrp/AsnC-like transcriptional regulator N-terminal domain
31	<a href="#">d2cfxa1</a>	Alignment	not modelled	32.8	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Lrp/AsnC-like transcriptional regulator N-terminal domain
32	<a href="#">c2l4aA_</a>	Alignment	not modelled	32.8	20	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> leucine responsive regulatory protein; <b>PDBTitle:</b> nmr structure of the dna-binding domain of e.coli lrp
33	<a href="#">d1l3la1</a>	Alignment	not modelled	32.6	22	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> C-terminal effector domain of the bipartite response regulators <b>Family:</b> GerE-like (LuxR/UhpA family of transcriptional regulators)
34	<a href="#">d1fnna1</a>	Alignment	not modelled	32.2	16	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Helicase DNA-binding domain
35	<a href="#">d1or7a1</a>	Alignment	not modelled	31.3	7	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Sigma3 and sigma4 domains of RNA polymerase sigma factors <b>Family:</b> Sigma4 domain
36	<a href="#">c2krfB_</a>	Alignment	not modelled	30.8	9	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulatory protein coma; <b>PDBTitle:</b> nmr solution structure of the dna binding domain of competence protein2 a
37	<a href="#">c2fxaB_</a>	Alignment	not modelled	29.0	8	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> protease production regulatory protein hpr; <b>PDBTitle:</b> structure of the protease production regulatory protein hpr from2 bacillus subtilis.
38	<a href="#">c3iwfA_</a>	Alignment	not modelled	28.3	9	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcription regulator rpir family; <b>PDBTitle:</b> the crystal structure of the n-terminal domain of a rpir2 transcriptional regulator from staphylococcus epidermidis to 1.4a
39	<a href="#">d1xsva_</a>	Alignment	not modelled	27.5	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Sigma3 and sigma4 domains of RNA polymerase sigma factors <b>Family:</b> YlxM/p13-like
40	<a href="#">d1p4wa_</a>	Alignment	not modelled	27.4	20	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> C-terminal effector domain of the bipartite response regulators <b>Family:</b> GerE-like (LuxR/UhpA family of transcriptional regulators)
41	<a href="#">c3hugA_</a>	Alignment	not modelled	26.1	9	<b>PDB header:</b> transcription/membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase sigma factor; <b>PDBTitle:</b> crystal structure of the n-terminal domain of a rpir2 transcriptional regulator from staphylococcus epidermidis to 1.4a
42	<a href="#">c2wteB_</a>	Alignment	not modelled	25.7	13	<b>PDB header:</b> antiviral protein <b>Chain:</b> B: <b>PDB Molecule:</b> csa3; <b>PDBTitle:</b> the structure of the crispr-associated protein, csa3, from2 sulfolobus solfataricus at 1.8 angstrom resolution.
43	<a href="#">c2qwwB_</a>	Alignment	not modelled	25.0	15	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, marr family; <b>PDBTitle:</b> crystal structure of multiple antibiotic-resistance repressor (marr)2 (yp_013417.1) from listeria monocytogenes 4b f2365 at 2.07 a3 resolution
44	<a href="#">c3k2zA_</a>	Alignment	not modelled	24.6	26	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lexa repressor; <b>PDBTitle:</b> crystal structure of a lexa protein from thermotoga maritima
45	<a href="#">d1rp3a2</a>	Alignment	not modelled	24.6	12	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Sigma3 and sigma4 domains of RNA polymerase sigma factors <b>Family:</b> Sigma4 domain
46	<a href="#">c2o8xA_</a>	Alignment	not modelled	24.0	7	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> probable rna polymerase sigma-c factor; <b>PDBTitle:</b> crystal structure of the "-35 element" promoter recognition domain of2 mycobacterium tuberculosis sigc
47	<a href="#">d1hsja1</a>	Alignment	not modelled	23.8	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
48	<a href="#">d2fbia1</a>	Alignment	not modelled	23.2	16	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
49	<a href="#">c2cg4B_</a>	Alignment	not modelled	22.8	13	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> regulatory protein asnc; <b>PDBTitle:</b> structure of e.coli asnc
50	<a href="#">d2oz6a1</a>	Alignment	not modelled	21.6	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> CAP C-terminal domain-like
51	<a href="#">c2q0oA_</a>	Alignment	not modelled	21.2	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> probable transcriptional activator protein trar; <b>PDBTitle:</b> crystal structure of an anti-activation complex in bacterial quorum2 sensing
52	<a href="#">c3qp5C_</a>	Alignment	not modelled	20.0	11	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> cvir transcriptional regulator; <b>PDBTitle:</b> crystal structure of cvir bound to antagonist chlorolactone (cl)
53	<a href="#">d1dpua_</a>	Alignment	not modelled	19.0	21	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> C-terminal domain of RPA32
						<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> replication protein a (rpa32) c-terminal

54	<a href="#">c1dpuA</a>	Alignment	not modelled	19.0	21	domain; <b>PDBTitle:</b> solution structure of the c-terminal domain of human rpa322 complexed with ung2(73-88)
55	<a href="#">d1ku9a</a>	Alignment	not modelled	18.6	9	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> DNA-binding protein Mj223
56	<a href="#">d1i5za1</a>	Alignment	not modelled	18.6	9	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> CAP C-terminal domain-like
57	<a href="#">d2gaua1</a>	Alignment	not modelled	18.1	7	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> CAP C-terminal domain-like
58	<a href="#">d2frha1</a>	Alignment	not modelled	17.5	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
59	<a href="#">d1smvf2</a>	Alignment	not modelled	17.2	27	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Sigma3 and sigma4 domains of RNA polymerase sigma factors <b>Family:</b> Sigma4 domain
60	<a href="#">c3sztB</a>	Alignment	not modelled	17.2	16	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> quorum-sensing control repressor; <b>PDBTitle:</b> quorum sensing control repressor, qscr, bound to n-3-oxo-dodecanoyl-l-2 homoserine lactone
61	<a href="#">c2k9lA</a>	Alignment	not modelled	16.1	10	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase sigma factor rpon; <b>PDBTitle:</b> structure of the core binding domain of sigma54
62	<a href="#">c2l3lA</a>	Alignment	not modelled	16.0	18	<b>PDB header:</b> antimicrobial protein <b>Chain:</b> A: <b>PDB Molecule:</b> aoxki4a, antimicrobial peptide in spider venom; <b>PDBTitle:</b> oxki4a, spider derived antimicrobial peptide
63	<a href="#">d2dt5a1</a>	Alignment	not modelled	15.9	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Transcriptional repressor Rex, N-terminal domain
64	<a href="#">c1h0mD</a>	Alignment	not modelled	14.1	20	<b>PDB header:</b> transcription/dna <b>Chain:</b> D: <b>PDB Molecule:</b> transcriptional activator protein trar; <b>PDBTitle:</b> three-dimensional structure of the quorum sensing protein2 trar bound to its autoinducer and to its target dna
65	<a href="#">c1hsjA</a>	Alignment	not modelled	12.8	10	<b>PDB header:</b> transcription/sugar binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> fusion protein consisting of staphylococcus <b>PDBTitle:</b> sarr mbp fusion structure
66	<a href="#">c3cloC</a>	Alignment	not modelled	12.4	16	<b>PDB header:</b> transcription regulator <b>Chain:</b> C: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of putative transcriptional regulator containing a2 luxr dna binding domain (np_811094.1) from bacteroides3 thetaiotaomicron vpi-5482 at 2.04 a resolution
67	<a href="#">c2e1cA</a>	Alignment	not modelled	12.1	22	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> putative hth-type transcriptional regulator ph1519; <b>PDBTitle:</b> structure of putative hth-type transcriptional regulator ph1519/dna2 complex
68	<a href="#">d1p4xa2</a>	Alignment	not modelled	12.0	12	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
69	<a href="#">c3mzyA</a>	Alignment	not modelled	11.9	13	<b>PDB header:</b> rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase sigma-h factor; <b>PDBTitle:</b> the crystal structure of the rna polymerase sigma-h factor from2 fusobacterium nucleatum to 2.5a
70	<a href="#">d2coha1</a>	Alignment	not modelled	11.9	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> CAP C-terminal domain-like
71	<a href="#">d2o8ra1</a>	Alignment	not modelled	11.0	19	<b>Fold:</b> Spectrin repeat-like <b>Superfamily:</b> PPK N-terminal domain-like <b>Family:</b> PPK N-terminal domain-like
72	<a href="#">d1lnwa</a>	Alignment	not modelled	10.6	13	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
73	<a href="#">c1p4xA</a>	Alignment	not modelled	10.5	9	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> staphylococcal accessory regulator a homologue; <b>PDBTitle:</b> crystal structure of sars protein from staphylococcus aureus
74	<a href="#">d2o3fa1</a>	Alignment	not modelled	10.5	10	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> RpiR-like
75	<a href="#">c2o3fC</a>	Alignment	not modelled	10.4	10	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> putative hth-type transcriptional regulator ybbh; <b>PDBTitle:</b> structural genomics, the crystal structure of the n-2 terminal domain of the putative transcriptional regulator3 ybbh from bacillus subtilis subsp. subtilis str. 168.
76	<a href="#">d1j5ya1</a>	Alignment	not modelled	10.4	21	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Biotin repressor-like
77	<a href="#">d3broa1</a>	Alignment	not modelled	10.4	15	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
78	<a href="#">d1p4xa1</a>	Alignment	not modelled	9.8	12	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
79	<a href="#">d1xdpa1</a>	Alignment	not modelled	9.6	25	<b>Fold:</b> Spectrin repeat-like <b>Superfamily:</b> PPK N-terminal domain-like <b>Family:</b> PPK N-terminal domain-like

80	<a href="#">d1d5ya1</a>	Alignment	not modelled	9.3	9	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> AraC type transcriptional activator
81	<a href="#">c1wsuA</a>	Alignment	not modelled	9.3	19	<b>PDB header:</b> translation/rna <b>Chain:</b> A: <b>PDB Molecule:</b> selenocysteine-specific elongation factor; <b>PDBTitle:</b> c-terminal domain of elongation factor selb complexed with2 secis rna
82	<a href="#">c2vbzA</a>	Alignment	not modelled	8.5	16	<b>PDB header:</b> dna-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulatory protein; <b>PDBTitle:</b> feast or famine regulatory protein (rv3291c)from m.2 tuberculosis complexed with l-tryptophan
83	<a href="#">c2e7xA</a>	Alignment	not modelled	8.5	14	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> 150aa long hypothetical transcriptional regulator; <b>PDBTitle:</b> structure of the lrp/asnc like transcriptional regulator from2 sulfolobus tokodaii 7 complexed with its cognate ligand
84	<a href="#">d1fs2b1</a>	Alignment	not modelled	8.2	7	<b>Fold:</b> Skp1 dimerisation domain-like <b>Superfamily:</b> Skp1 dimerisation domain-like <b>Family:</b> Skp1 dimerisation domain-like
85	<a href="#">c2gqqB</a>	Alignment	not modelled	8.0	20	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> leucine-responsive regulatory protein; <b>PDBTitle:</b> crystal structure of e. coli leucine-responsive regulatory protein2 (lrp)
86	<a href="#">c2ia0A</a>	Alignment	not modelled	7.9	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative hth-type transcriptional regulator pf0864; <b>PDBTitle:</b> transcriptional regulatory protein pf0864 from pyrococcus furiosus a2 member of the asnc family (pf0864)
87	<a href="#">d2aq0a1</a>	Alignment	not modelled	7.8	10	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> RuvA domain 2-like <b>Family:</b> Hef domain-like
88	<a href="#">d1jt6a1</a>	Alignment	not modelled	7.5	5	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Tetracyclin repressor-like, N-terminal domain
89	<a href="#">c2rdpA</a>	Alignment	not modelled	7.4	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator marr; <b>PDBTitle:</b> the structure of a marr family protein from bacillus2 stearrowtherophilus
90	<a href="#">d2a61a1</a>	Alignment	not modelled	7.3	14	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
91	<a href="#">c2k9mA</a>	Alignment	not modelled	7.3	10	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase sigma factor rpon; <b>PDBTitle:</b> structure of the core binding domain of sigma54
92	<a href="#">c2p6tH</a>	Alignment	not modelled	7.3	16	<b>PDB header:</b> transcription <b>Chain:</b> H: <b>PDB Molecule:</b> transcriptional regulator, lrp/asnc family; <b>PDBTitle:</b> crystal structure of transcriptional regulator nmb0573 and l-leucine2 complex from neisseria meningitidis
93	<a href="#">d2g3ba1</a>	Alignment	not modelled	6.9	16	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Tetracyclin repressor-like, N-terminal domain
94	<a href="#">d2ovra1</a>	Alignment	not modelled	6.8	12	<b>Fold:</b> Skp1 dimerisation domain-like <b>Superfamily:</b> Skp1 dimerisation domain-like <b>Family:</b> Skp1 dimerisation domain-like
95	<a href="#">d1biaa1</a>	Alignment	not modelled	6.8	19	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Biotin repressor-like
96	<a href="#">c3boqB</a>	Alignment	not modelled	6.7	13	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, marr family; <b>PDBTitle:</b> crystal structure of marr family transcriptional regulator from2 silicibacter pomeroyi
97	<a href="#">d2fxaa1</a>	Alignment	not modelled	6.6	11	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> MarR-like transcriptional regulators
98	<a href="#">c2plyB</a>	Alignment	not modelled	6.5	19	<b>PDB header:</b> translation/rna <b>Chain:</b> B: <b>PDB Molecule:</b> selenocysteine-specific elongation factor; <b>PDBTitle:</b> structure of the mrna binding fragment of elongation factor2 selb in complex with secis rna.
99	<a href="#">c3bpxB</a>	Alignment	not modelled	6.5	12	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of marr