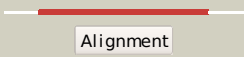

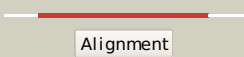

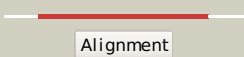

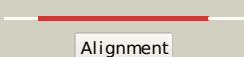

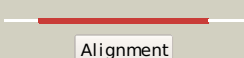

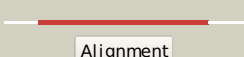

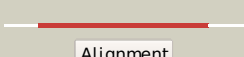

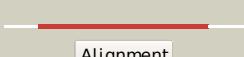

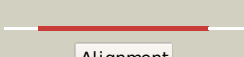

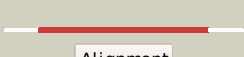














| # | Template | Alignment Coverage | 3D Model | Confidence | % i.d. | Template Information |
|----|-------------------------|---|---|------------|--------|--|
| 1 | c2cg4B_ |  Alignment |  | 100.0 | 99 | PDB header: transcription Chain: B: PDB Molecule: regulatory protein asnc; PDBTitle: structure of e.coli asnc |
| 2 | c2e7xA_ |  Alignment |  | 100.0 | 20 | PDB header: transcription regulator Chain: A: PDB Molecule: 150aa long hypothetical transcriptional regulator; PDBTitle: structure of the Irp/asnc like transcriptional regulator from2 sulfolobus tokodaii 7 complexed with its cognate ligand |
| 3 | c2p6tH_ |  Alignment |  | 100.0 | 22 | PDB header: transcription Chain: H: PDB Molecule: transcriptional regulator, Irp/asnc family; PDBTitle: crystal structure of transcriptional regulator nmb0573 and l-leucine2 complex from neisseria meningitidis |
| 4 | c2gqgB_ |  Alignment |  | 100.0 | 22 | PDB header: transcription Chain: B: PDB Molecule: leucine-responsive regulatory protein; PDBTitle: crystal structure of e. coli leucine-responsive regulatory protein2 (Irp) |
| 5 | c2e1cA_ |  Alignment |  | 100.0 | 29 | PDB header: transcription/dna Chain: A: PDB Molecule: putative hth-type transcriptional regulator ph1519; PDBTitle: structure of putative hth-type transcriptional regulator ph1519/dna2 complex |
| 6 | c1i1gA_ |  Alignment |  | 100.0 | 31 | PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator IrpA; PDBTitle: crystal structure of the Irp-like transcriptional regulator from the2 archaeon pyrococcus furiosus |
| 7 | c2dbbA_ |  Alignment |  | 100.0 | 21 | PDB header: transcriptional regulator Chain: A: PDB Molecule: putative hth-type transcriptional regulator ph0061; PDBTitle: crystal structure of ph0061 |
| 8 | c2cfxD_ |  Alignment |  | 100.0 | 24 | PDB header: transcription Chain: D: PDB Molecule: hth-type transcriptional regulator Irpc; PDBTitle: structure of b.subtilis Irpc |
| 9 | c3i4pA_ |  Alignment |  | 100.0 | 26 | PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, asnc family; PDBTitle: crystal structure of asnc family transcriptional regulator from2 agrobacterium tumefaciens |
| 10 | c2vbzA_ |  Alignment |  | 100.0 | 26 | 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 |
| 11 | c2ia0A_ |  Alignment |  | 100.0 | 22 | 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) |

| | | | | | | |
|----|-------------------------|-----------|---|------|-----|---|
| 12 | d2cg4a1 | Alignment |  | 99.7 | 98 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain |
| 13 | d2cg4a2 | Alignment |  | 99.7 | 100 | Fold: Ferredoxin-like Superfamily: Dimeric alpha+beta barrel Family: Lrp/AsnC-like transcriptional regulator C-terminal domain |
| 14 | d2cfxa1 | Alignment |  | 99.7 | 30 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain |
| 15 | d2cyya1 | Alignment |  | 99.6 | 28 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain |
| 16 | dli1ga1 | Alignment |  | 99.6 | 43 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain |
| 17 | d2cyya2 | Alignment |  | 99.6 | 29 | Fold: Ferredoxin-like Superfamily: Dimeric alpha+beta barrel Family: Lrp/AsnC-like transcriptional regulator C-terminal domain |
| 18 | dli1ga2 | Alignment |  | 99.6 | 23 | Fold: Ferredoxin-like Superfamily: Dimeric alpha+beta barrel Family: Lrp/AsnC-like transcriptional regulator C-terminal domain |
| 19 | c2l4aA | Alignment |  | 99.5 | 32 | 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 |
| 20 | c2zbcH | Alignment |  | 99.5 | 27 | PDB header: transcription Chain: H: PDB Molecule: 83aa long hypothetical transcriptional regulator asnc; PDBTitle: crystal structure of sts042, a stand-alone ram module protein, from2 hyperthermophilic archaeon sulfolobus tokodaii strain7. |
| 21 | c2djwF | Alignment | not modelled | 99.5 | 22 | PDB header: unknown function Chain: F: PDB Molecule: probable transcriptional regulator, asnc family; PDBTitle: crystal structure of ttha0845 from thermus thermophilus hb8 |
| 22 | c2e1aD | Alignment | not modelled | 99.4 | 31 | PDB header: transcription Chain: D: PDB Molecule: 75aa long hypothetical regulatory protein asnc; PDBTitle: crystal structure of ffrp-dm1 |
| 23 | d2cfxa2 | Alignment | not modelled | 99.4 | 19 | Fold: Ferredoxin-like Superfamily: Dimeric alpha+beta barrel Family: Lrp/AsnC-like transcriptional regulator C-terminal domain |
| 24 | d1biaa1 | Alignment | not modelled | 98.4 | 12 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like |
| 25 | d1sfxa | Alignment | not modelled | 98.1 | 17 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like |
| 26 | d1ub9a | Alignment | not modelled | 98.0 | 11 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 27 | c2wteB | Alignment | not modelled | 98.0 | 27 | 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. |
| 28 | d2d1ha1 | Alignment | not modelled | 97.9 | 22 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: TrmB-like |
| | | | | | | PDB header: transcription |

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|----|-------------------------|-----------|--------------|------|----|---|
| 29 | clj5yA_ | Alignment | not modelled | 97.9 | 13 | Chain: A: PDB Molecule: transcriptional regulator, biotin repressor family; PDBTitle: crystal structure of transcriptional regulator (tm1602) from2 thermotoga maritima at 2.3 a resolution |
| 30 | d2p4wa1 | Alignment | not modelled | 97.7 | 22 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: PF1790-like |
| 31 | d1r1ta_ | Alignment | not modelled | 97.7 | 18 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators |
| 32 | c2oqgA_ | Alignment | not modelled | 97.7 | 21 | PDB header: transcription Chain: A: PDB Molecule: possible transcriptional regulator, arsr family protein; PDBTitle: arsr-like transcriptional regulator from rhodococcus sp. rha1 |
| 33 | c3cuoB_ | Alignment | not modelled | 97.7 | 26 | 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 |
| 34 | c1r22B_ | Alignment | not modelled | 97.7 | 16 | 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 |
| 35 | d1lnwa_ | Alignment | not modelled | 97.6 | 11 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 36 | c2rdpA_ | Alignment | not modelled | 97.6 | 19 | PDB header: transcription Chain: A: PDB Molecule: putative transcriptional regulator marr; PDBTitle: the structure of a marr family protein from bacillus2 stearothermophilus |
| 37 | c3r0aB_ | Alignment | not modelled | 97.6 | 13 | PDB header: transcription regulator Chain: B: PDB Molecule: putative transcriptional regulator; PDBTitle: possible transcriptional regulator from methanosarcina mazei go1 (gi2 21227196) |
| 38 | d1stza1 | Alignment | not modelled | 97.6 | 16 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Heat-inducible transcription repressor HrcA, N-terminal domain |
| 39 | c3f6vA_ | Alignment | not modelled | 97.6 | 21 | PDB header: transcription regulator Chain: A: PDB Molecule: possible transcriptional regulator, arsr family PDBTitle: crystal structure of possible transcriptional regulator for2 arsenical resistance |
| 40 | d1ulya_ | Alignment | not modelled | 97.6 | 33 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Hypothetical protein PH1932 |
| 41 | c3tgnA_ | Alignment | not modelled | 97.6 | 16 | 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 |
| 42 | d1r1ua_ | Alignment | not modelled | 97.6 | 16 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators |
| 43 | c3k0lA_ | Alignment | not modelled | 97.5 | 18 | PDB header: transcription regulator Chain: A: PDB Molecule: repressor protein; PDBTitle: crystal structure of putative marr family transcriptional2 regulator from acinetobacter sp. adp |
| 44 | c2qufB_ | Alignment | not modelled | 97.5 | 17 | PDB header: transcription Chain: B: PDB Molecule: transcription factor pf0095; PDBTitle: crystal structure of transcription factor axxa-pf0095 from pyrococcus2 furiosus |
| 45 | d2etha1 | Alignment | not modelled | 97.5 | 9 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 46 | c3nrvc_ | Alignment | not modelled | 97.5 | 14 | PDB header: transcription regulator Chain: C: PDB Molecule: putative transcriptional regulator (marr/emrr family); PDBTitle: crystal structure of marr/emrr family transcriptional regulator from2 acinetobacter sp. adp1 |
| 47 | c2pexA_ | Alignment | not modelled | 97.5 | 12 | PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator ohrr; PDBTitle: structure of reduced c22s ohrr from xanthomonas campestris |
| 48 | d1u2wa1 | Alignment | not modelled | 97.5 | 17 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ArsR-like transcriptional regulators |
| 49 | c3lmmA_ | Alignment | not modelled | 97.5 | 13 | 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 |
| 50 | d1z05a1 | Alignment | not modelled | 97.5 | 14 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ROK associated domain |
| 51 | d2fxaa1 | Alignment | not modelled | 97.4 | 17 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 52 | c3bddD_ | Alignment | not modelled | 97.4 | 15 | 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 |
| 53 | c2nyxB_ | Alignment | not modelled | 97.4 | 24 | PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulatory protein, rv1404; PDBTitle: crystal structure of rv1404 from mycobacterium |

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|----|--------------------------|-----------|--------------|------|----|--|
| | | | | | | tuberculosis |
| 54 | c3f6oB_ | Alignment | not modelled | 97.4 | 23 | PDB header: transcription regulator Chain: B: PDB Molecule: probable transcriptional regulator, arsr family PDBTitle: crystal structure of arsr family transcriptional regulator,2 rha00566 |
| 55 | c3pqkD_ | Alignment | not modelled | 97.4 | 17 | PDB header: transcription Chain: D: PDB Molecule: biofilm growth-associated repressor; PDBTitle: crystal structure of the transcriptional repressor bigr from xylella2 fastidiosa |
| 56 | c3g3zA_ | Alignment | not modelled | 97.4 | 10 | PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: the structure of nmb1585, a marr family regulator from neisseria2 meningitidis |
| 57 | dlz9la1 | Alignment | not modelled | 97.4 | 21 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 58 | c2jscB_ | Alignment | not modelled | 97.4 | 19 | PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator rv1994c/mt2050; PDBTitle: nmr structure of the cadmium metal-sensor cmtr from mycobacterium2 tuberculosis |
| 59 | c2nnnB_ | Alignment | not modelled | 97.4 | 18 | PDB header: transcription Chain: B: PDB Molecule: probable transcriptional regulator; PDBTitle: crystal structure of probable transcriptional regulator from2 pseudomonas aeruginosa |
| 60 | c3bpxB_ | Alignment | not modelled | 97.4 | 17 | PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator; PDBTitle: crystal structure of marr |
| 61 | c3cjnA_ | Alignment | not modelled | 97.4 | 12 | PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of transcriptional regulator, marr family, from2 silicibacter pomeroyi |
| 62 | c3e6mD_ | Alignment | not modelled | 97.3 | 13 | 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. |
| 63 | c3bjaaA_ | Alignment | not modelled | 97.3 | 18 | PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, marr family, putative; PDBTitle: crystal structure of putative marr-like transcription regulator2 (np_978771.1) from bacillus cereus atcc 10987 at 2.38 a resolution |
| 64 | dl1j9a_ | Alignment | not modelled | 97.3 | 12 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 65 | c3bj6B_ | Alignment | not modelled | 97.3 | 20 | PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcription regulator sp03579 |
| 66 | c3jthA_ | Alignment | not modelled | 97.3 | 19 | PDB header: transcription Chain: A: PDB Molecule: transcription activator hlyu; PDBTitle: crystal structure of a transcriptional regulator hlyu from2 vibrio vulnificus cmcp6 |
| 67 | d2fbha1 | Alignment | not modelled | 97.3 | 16 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 68 | c2qwwB_ | Alignment | not modelled | 97.3 | 10 | 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 |
| 69 | c2kkoB_ | Alignment | not modelled | 97.3 | 20 | 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. |
| 70 | dlz6ra1 | Alignment | not modelled | 97.3 | 12 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ROK associated domain |
| 71 | d2ev0a1 | Alignment | not modelled | 97.3 | 14 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein |
| 72 | d2bv6a1 | Alignment | not modelled | 97.3 | 14 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 73 | dljgsa_ | Alignment | not modelled | 97.3 | 16 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 74 | clz6rC_ | Alignment | not modelled | 97.3 | 11 | PDB header: transcription Chain: C: PDB Molecule: mlc protein; PDBTitle: crystal structure of mlc from escherichia coli |
| 75 | c2fa5B_ | Alignment | not modelled | 97.3 | 10 | 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 |
| 76 | c2zkzC_ | Alignment | not modelled | 97.3 | 6 | PDB header: transcription Chain: C: PDB Molecule: transcriptional repressor pagr; PDBTitle: crystal structure of the transcriptional repressor pagr of bacillus2 anthracis |
| 77 | dl1s3ja_ | Alignment | not modelled | 97.3 | 16 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain |

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|-----|-------------------------|-----------|--------------|------|---|
| | | | | | Family: MarR-like transcriptional regulators |
| 78 | d3deua1 | Alignment | not modelled | 97.3 | 13 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 79 | c2fxaB | Alignment | not modelled | 97.3 | 16 PDB header: transcription Chain: B: PDB Molecule: protease production regulatory protein hpr; PDBTitle: structure of the protease production regulatory protein hpr from2 bacillus subtilis. |
| 80 | c3b73A | Alignment | not modelled | 97.3 | 19 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 |
| 81 | c3s2wB | Alignment | not modelled | 97.3 | 19 PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: the crystal structure of a marr transcriptional regulator from2 methanosarcina mazei go1 |
| 82 | c3ctaA | Alignment | not modelled | 97.2 | 18 PDB header: transferase Chain: A: PDB Molecule: riboflavin kinase; PDBTitle: crystal structure of riboflavin kinase from thermoplasma2 acidophilum |
| 83 | c1z05A | Alignment | not modelled | 97.2 | 14 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. |
| 84 | c2it0A | Alignment | not modelled | 97.2 | 20 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 |
| 85 | c2h09A | Alignment | not modelled | 97.2 | 18 PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator mntr; PDBTitle: crystal structure of diphtheria toxin repressor like protein2 from e. coli |
| 86 | c3deuB | Alignment | not modelled | 97.2 | 13 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 |
| 87 | d1okra | Alignment | not modelled | 97.2 | 15 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Penicillinase repressor |
| 88 | d1g3wa1 | Alignment | not modelled | 97.2 | 23 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein |
| 89 | d2isya1 | Alignment | not modelled | 97.2 | 20 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Iron-dependent repressor protein |
| 90 | c1f5tA | Alignment | not modelled | 97.2 | 23 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 |
| 91 | c2ewnA | Alignment | not modelled | 97.2 | 13 PDB header: ligase, transcription Chain: A: PDB Molecule: bira bifunctional protein; PDBTitle: ecoli biotin repressor with co-repressor analog |
| 92 | c2gxgA | Alignment | not modelled | 97.2 | 24 PDB header: transcription Chain: A: PDB Molecule: 146aa long hypothetical transcriptional regulator; PDBTitle: crystal structure of emrr homolog from hyperthermophilic archaea2 sulfolobus tokodaii strain7 |
| 93 | d2hr3a1 | Alignment | not modelled | 97.2 | 13 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 94 | d1jhfa1 | Alignment | not modelled | 97.1 | 21 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain |
| 95 | c3f3xA | Alignment | not modelled | 97.1 | 25 PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, marr family, putative; PDBTitle: crystal structure of the transcriptional regulator bldr2 from sulfolobus solfataricus |
| 96 | d2a61a1 | Alignment | not modelled | 97.1 | 22 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 97 | d1j5ya1 | Alignment | not modelled | 97.1 | 23 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Biotin repressor-like |
| 98 | d2fbia1 | Alignment | not modelled | 97.1 | 12 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 99 | c2x4hA | Alignment | not modelled | 97.1 | 14 PDB header: transcription Chain: A: PDB Molecule: hypothetical protein sso2273; PDBTitle: crystal structure of the hypothetical protein sso2273 from2 sulfolobus solfataricus |
| 100 | c2ev5B | Alignment | not modelled | 97.1 | 14 PDB header: transcription Chain: B: PDB Molecule: transcriptional regulator mntr; PDBTitle: bacillus subtilis manganese transport regulator (mntr)2 bound to calcium |
| 101 | c3hrmA | Alignment | not modelled | 97.1 | 13 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 |
| 102 | c3kp3B | Alignment | not modelled | 97.0 | 22 PDB header: transcription regulator/antibiotic Chain: B: PDB Molecule: transcriptional regulator tcar; PDBTitle: staphylococcus epidermidis in complex with ampicillin |
| | | | | | Fold: DNA/RNA-binding 3-helical bundle |

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|-----|-------------------------|-----------|--------------|------|----|---|
| 103 | d1ku9a_ | Alignment | not modelled | 97.0 | 9 | Superfamily: "Winged helix" DNA-binding domain Family: DNA-binding protein Mj223 |
| 104 | d3broa1 | Alignment | not modelled | 97.0 | 17 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 105 | d1mkma1 | Alignment | not modelled | 97.0 | 18 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional regulator IclR, N-terminal domain |
| 106 | d2frha1 | Alignment | not modelled | 96.9 | 9 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 107 | c1g3wA_ | Alignment | not modelled | 96.9 | 23 | PDB header: gene regulation Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: cd-cys102ser dtxr |
| 108 | d3ctaa1 | Alignment | not modelled | 96.9 | 18 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 109 | c3oopA_ | Alignment | not modelled | 96.9 | 17 | 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 |
| 110 | d1hsja1 | Alignment | not modelled | 96.8 | 16 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 111 | c2ia2D_ | Alignment | not modelled | 96.8 | 12 | PDB header: transcription Chain: D: PDB Molecule: putative transcriptional regulator; PDBTitle: the crystal structure of a putative transcriptional regulator rha061952 from rhodococcus sp. rha1 |
| 112 | d1p4xa1 | Alignment | not modelled | 96.8 | 6 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 113 | c1fx7C_ | Alignment | not modelled | 96.8 | 20 | 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 |
| 114 | c3nqoB_ | Alignment | not modelled | 96.7 | 14 | 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 |
| 115 | c3boqB_ | Alignment | not modelled | 96.7 | 15 | PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of marr family transcriptional regulator from2 silicibacter pomeroyi |
| 116 | c3fm5D_ | Alignment | not modelled | 96.6 | 14 | 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 |
| 117 | c1mkmA_ | Alignment | not modelled | 96.6 | 18 | PDB header: transcription Chain: A: PDB Molecule: iclR transcriptional regulator; PDBTitle: crystal structure of the thermotoga maritima iclR |
| 118 | c3cdhB_ | Alignment | not modelled | 96.6 | 17 | PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, marr family; PDBTitle: crystal structure of the marr family transcriptional regulator spo14532 from silicibacter pomeroyi dss-3 |
| 119 | d1p4xa2 | Alignment | not modelled | 96.6 | 11 | Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: MarR-like transcriptional regulators |
| 120 | c2xroE_ | Alignment | not modelled | 96.6 | 16 | 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 |