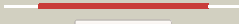



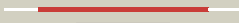





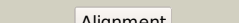

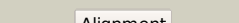











# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2506_(-)_2821722_2822369
Date	Wed Aug 7 12:50:13 BST 2019
Unique Job ID	1908b47622c15262

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c4g12A_</a>	Alignment 		99.9	98	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable transcriptional regulatory protein (probably tetr-) <b>PDBTitle:</b> crystal structure of putative tetr family transcriptional regulator,2 fad35r, from mycobacterium tuberculosis
2	<a href="#">c3e7qB_</a>	Alignment 		99.9	22	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> the crystal structure of the putative transcriptional regulator from2 pseudomonas aeruginosa pao1
3	<a href="#">c2pbxB_</a>	Alignment 		99.9	19	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> hemagglutinin/protease regulatory protein; <b>PDBTitle:</b> vibrio cholerae hapr
4	<a href="#">c5gpcC_</a>	Alignment 		99.9	22	<b>PDB header:</b> transcription, dna binding protein/dna <b>Chain:</b> C: <b>PDB Molecule:</b> transcriptional regulator (tetr/acrr family); <b>PDBTitle:</b> structural analysis of fatty acid degradation regulator fadr from2 bacillus halodurans
5	<a href="#">c3himA_</a>	Alignment 		99.9	17	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> probable transcriptional regulator; <b>PDBTitle:</b> the crystal structure of a bacterial regulatory protein in the tetr2 family from rhodococcus rha1 to 2.2a
6	<a href="#">c2f07A_</a>	Alignment 		99.9	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> yvdt; <b>PDBTitle:</b> crystal structure of yvdt from bacillus subtilis
7	<a href="#">c1vi0B_</a>	Alignment 		99.9	21	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of a transcriptional regulator
8	<a href="#">c4ichA_</a>	Alignment 		99.9	19	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of a putative tetr family transcriptional regulator2 from saccharomonospora viridis dsm 43017
9	<a href="#">c3lwiA_</a>	Alignment 		99.9	16	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of putative tetr-family transcriptional regulator2 (yp_752756.1) from syntrophomonas wolfei str. goettingen at 2.07 a3 resolution
10	<a href="#">c3ccyA_</a>	Alignment 		99.9	21	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of a tetr-family transcriptional regulator from2 bordetella parapertussis 12822
11	<a href="#">c3vprA_</a>	Alignment 		99.9	23	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of a tetr family transcriptional regulator pfmr from2 thermus thermophilus hb8

12	<a href="#">c5mwrB_</a>	Alignment		99.9	16	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> the fadr transcription regulator from <i>sulfolobus acidocaldarius</i>
13	<a href="#">c2g7sA_</a>	Alignment		99.9	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> the crystal structure of transcriptional regulator, tetr family, from <i>2 agrobacterium tumefaciens</i>
14	<a href="#">c6azhA_</a>	Alignment		99.9	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> <i>clostridium perfringens</i> putative fatty acid metabolism regulator
15	<a href="#">c3qbmA_</a>	Alignment		99.9	16	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> tetr transcriptional regulator; <b>PDBTitle:</b> crystal structure of a tetr transcriptional regulator (caur_2221) from <i>2 chloroflexus aurantiacus j-10-fl</i> at 1.80 a resolution
16	<a href="#">c2hyjA_</a>	Alignment		99.9	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> the crystal structure of a tetr-family transcriptional regulator from <i>2 streptomyces coelicolor</i>
17	<a href="#">c1rktA_</a>	Alignment		99.9	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> protein yfir; <b>PDBTitle:</b> crystal structure of yfir, a putative transcriptional regulator from <i>2 bacillus subtilis</i>
18	<a href="#">c3g7rB_</a>	Alignment		99.9	17	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> putative tetr transcriptional regulator; <b>PDBTitle:</b> crystal structure of sco4454, a tetr-family transcriptional regulator2 from <i>streptomyces coelicolor</i>
19	<a href="#">c4w97A_</a>	Alignment		99.9	21	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional repressor kstr2; <b>PDBTitle:</b> structure of ketosteroid transcriptional regulator kstr2 of <i>2 mycobacterium tuberculosis</i>
20	<a href="#">c2genA_</a>	Alignment		99.9	19	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> probable transcriptional regulator; <b>PDBTitle:</b> structural genomics, the crystal structure of a probable2 transcriptional regulator from <i>pseudomonas aeruginosa</i> pao1
21	<a href="#">c3ppbB_</a>	Alignment	not modelled	99.9	19	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> putative tetr family transcription regulator; <b>PDBTitle:</b> crystal structure of a putative tetr family transcription regulator2 (shew_3104) from <i>shewanella</i> sp. pv-4 at 2.10 a resolution
22	<a href="#">c3f1bA_</a>	Alignment	not modelled	99.9	19	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> tetr-like transcriptional regulator; <b>PDBTitle:</b> the crystal structure of a tetr-like transcriptional regulator from <i>2 rhodococcus</i> sp. rha1.
23	<a href="#">c2hytA_</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of a tetr-family transcriptional regulator (eca1819)2 from <i>pectobacterium atrosepticum</i> at 1.64 a resolution
24	<a href="#">c3mn1A_</a>	Alignment	not modelled	99.9	19	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulatory protein (probably tetr-family); <b>PDBTitle:</b> the crystal structure of kstr (rv3574) from <i>mycobacterium tuberculosis</i> 2 h37rv
25	<a href="#">c3anpD_</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> transcriptional repressor, tetr family; <b>PDBTitle:</b> crystal structure of <i>thermus thermophilus</i> fadr, a tetr family2 transcriptional repressor, in complex with lauroyl-coa.
26	<a href="#">c3dcfB_</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator of the tetr/acrr family; <b>PDBTitle:</b> crystal structure of transcriptional regulator of the tetr/acrr family2 (yp_290855.1) from <i>thermobifida fusca</i> yx-er1 at 2.50 a resolution
27	<a href="#">c3on2C_</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> probable transcriptional regulator; <b>PDBTitle:</b> structure of a protein with unknown function from <i>rhodococcus</i> sp. rha1

28	<a href="#">c4me9B</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of a transcriptional regulator, tetr family2 (bce_2991) from bacillus cereus atcc 10987 at 2.50 a resolution
29	<a href="#">c3lsjA</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> dest; <b>PDBTitle:</b> crystal structure of dest in complex with palmitoyl-coa
30	<a href="#">c2laiA</a>	Alignment	not modelled	99.9	22	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator sco3833; <b>PDBTitle:</b> crystal structure of sco3833, a member of the tetr transcriptional2 regulator family from streptomyces coelicolor a3
31	<a href="#">c2nx4A</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family protein; <b>PDBTitle:</b> the crystal structure of athe putative tetr-family transcriptional2 regulator rha06780 from rhodococcus sp. rha1.
32	<a href="#">c3cjdB</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of putative tetr transcriptional regulator2 (yp_510936.1) from jannaschia sp. ccs1 at 1.79 a resolution
33	<a href="#">c5vl9D</a>	Alignment	not modelled	99.9	16	<b>PDB header:</b> transcription/dna <b>Chain:</b> D: <b>PDB Molecule:</b> regulatory protein tetr; <b>PDBTitle:</b> crystal structure of eilr in complex with eilo dna element
34	<a href="#">c3pasA</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> tetr family transcription regulator; <b>PDBTitle:</b> crystal structure of a tetr family transcription regulator (maqu_1417)2 from marinobacter aquaeolei vt8 at 1.90 a resolution
35	<a href="#">c5d19A</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis rv0302, form ii
36	<a href="#">c5k7fA</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of apo aibr
37	<a href="#">c3jsjC</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of a putative tetr-transcriptional regulator2 (sav143) from streptomyces avermitilis ma-4680 at 2.10 a resolution
38	<a href="#">c3bhqB</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of a putative tetr-family transcriptional regulator2 (mlr_4833) from mesorhizobium loti maff303099 at 1.54 a resolution
39	<a href="#">c1u9nA</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional repressor ethr; <b>PDBTitle:</b> crystal structure of the transcriptional regulator ethr in2 a ligand bound conformation opens therapeutic perspectives3 against tuberculosis and leprosy
40	<a href="#">c4gctA</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> dna binding protein/dna <b>Chain:</b> A: <b>PDB Molecule:</b> nucleoid occlusion factor slma; <b>PDBTitle:</b> structure of no factor protein-dna complex
41	<a href="#">c1pb6D</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> hypothetical transcriptional regulator ycdc; <b>PDBTitle:</b> crystal structure of hypothetical transcriptional regulator ycdc
42	<a href="#">c2np5A</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of a transcriptional regulator (rha1_ro04179) from2 rhodococcus sp. rha1.
43	<a href="#">c2qibA</a>	Alignment	not modelled	99.9	25	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of tetr-family transcriptional regulator from2 streptomyces coelicolor
44	<a href="#">c2rasB</a>	Alignment	not modelled	99.9	12	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of a putative tetr/acrr family transcriptional2 regulator (saro_0558) from novosphingobium aromaticivorans dsm at3 1.80 a resolution
45	<a href="#">c3eupA</a>	Alignment	not modelled	99.9	11	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> the crystal structure of the transcriptional regulator, tetr family2 from cytophaga hutchinsonii
46	<a href="#">c3mvpA</a>	Alignment	not modelled	99.9	15	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> tetr/acrr transcriptional regulator; <b>PDBTitle:</b> the crystal structure of a tetr/acrr transcriptional regulator from2 streptococcus mutans to 1.85a
47	<a href="#">c3bcgA</a>	Alignment	not modelled	99.9	19	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional regulator acrr; <b>PDBTitle:</b> conformational changes of the acrr regulator reveal a2 mechanism of induction
48	<a href="#">c3c07B</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of a tetr family transcriptional regulator from2 streptomyces coelicolor a3(2)
49	<a href="#">c5ztcA</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> lmo2088 protein; <b>PDBTitle:</b> apo structure of tetr family transcription regulator lmo2088 of2 listeria monocytogenes egde
50	<a href="#">c2uxoB</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> hth-type transcriptional regulator ttgr; <b>PDBTitle:</b> ttgr in complex with tetracycline
51	<a href="#">c2fbqA</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> probable transcriptional regulator; <b>PDBTitle:</b> the crystal structure of transcriptional regulator pa3006

52	<a href="#">c2raeA</a>	Alignment	not modelled	99.9	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, acrr family protein; <b>PDBTitle:</b> crystal structure of a tetr/acrr family transcriptional regulator from2 rhodococcus sp. rha1
53	<a href="#">c3rd3B</a>	Alignment	not modelled	99.9	26	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> probable transcriptional regulator; <b>PDBTitle:</b> structure of pseudomonas aeruginosa transcriptional regulator pa2196
54	<a href="#">c6mj1A</a>	Alignment	not modelled	99.9	13	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable hth-type transcriptional regulator yttp; <b>PDBTitle:</b> crystal structure of refz (regulator of ftsz) from bacillus subtilis
55	<a href="#">c2g3bB</a>	Alignment	not modelled	99.9	19	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of putative tetr-family transcriptional regulator2 from rhodococcus sp.
56	<a href="#">c3dpjB</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> transcription regulator, tetr family; <b>PDBTitle:</b> the crystal structure of a tetr transcription regulator2 from silicibacter pomeroyi dss
57	<a href="#">c3nrgA</a>	Alignment	not modelled	99.9	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> crystal structure of a tetr family transcriptional regulator2 (caur_2714) from chloroflexus aurantiacus j-10-fl at 2.56 a3 resolution
58	<a href="#">c3bruA</a>	Alignment	not modelled	99.9	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> regulatory protein, tetr family; <b>PDBTitle:</b> crystal structure of regulatory protein tetr from rhodobacter2 sphaeroides
59	<a href="#">c2hkuB</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> a putative transcriptional regulator; <b>PDBTitle:</b> structural genomics, the crystal structure of a putative2 transcriptional regulator from rhodococcus sp. rha1
60	<a href="#">c2ibdB</a>	Alignment	not modelled	99.9	22	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> possible transcriptional regulator; <b>PDBTitle:</b> crystal structure of probable transcriptional regulatory protein2 rha5900
61	<a href="#">c6ayhA</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> salmonella enterica gusr
62	<a href="#">c5dajB</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> nald; <b>PDBTitle:</b> crystal structure of nald, the secondary repressor of mexab-oprm2 multidrug efflux pump in pseudomonas aeruginosa
63	<a href="#">c2qtqB</a>	Alignment	not modelled	99.9	15	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of a predicted dna-binding transcriptional regulator2 (saro_1072) from novosphingobium aromaticivorans dsm at 1.85 a3 resolution
64	<a href="#">c3he0A</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> the structure of a putative transcriptional regulator tetr family2 protein from vibrio parahaemolyticus.
65	<a href="#">c3dewA</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> the structure of a putative tetr family transcriptional regulator from2 geobacter sulfurreducens pca.
66	<a href="#">c5d1rA</a>	Alignment	not modelled	99.9	11	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> rv1816 transcriptional regulator; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis rv1816 transcriptional2 regulator.
67	<a href="#">c2gfnA</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional regulator pksa related protein; <b>PDBTitle:</b> crystal structure of hth-type transcriptional regulator pksa related2 protein from rhodococcus sp. rha1
68	<a href="#">c2dg8D</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> gene regulation <b>Chain:</b> D: <b>PDB Molecule:</b> putative tetr-family transcriptional regulatory protein; <b>PDBTitle:</b> crystal structure of the putative transcriptional regulator sco75182 from streptomyces coelicolor a3(2)
69	<a href="#">c6g8hC</a>	Alignment	not modelled	99.8	23	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> tetr/acrr family transcriptional regulator; <b>PDBTitle:</b> flavonoid-responsive regulator frfa in complex with naringenin
70	<a href="#">c5d1wD</a>	Alignment	not modelled	99.8	14	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> rv3249c transcriptional regulator; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis rv3249c2 transcriptional regulator.
71	<a href="#">c2of7A</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> structural genomics, the crystal structure of a tetr-family2 transcriptional regulator from streptomyces coelicolor a3
72	<a href="#">c5n1cA</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable transcriptional regulatory protein; <b>PDBTitle:</b> iodinated form of the mycobacterium tuberculosis repressor ethr2
73	<a href="#">c3rh2A</a>	Alignment	not modelled	99.8	14	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical tetr-like transcriptional regulator; <b>PDBTitle:</b> crystal structure of a tetr-like transcriptional regulator (sama_0099)2 from shewanella amazonensis sb2b at 2.42 a resolution
74	<a href="#">c6ayiA</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional regulator uidr; <b>PDBTitle:</b> escherichia coli gusr
						<b>PDB header:</b> transcription regulator

75	<a href="#">c3bjbE</a>	Alignment	not modelled	99.8	16	<b>Chain:</b> E: <b>PDB Molecule:</b> probable transcriptional regulator, tetr family protein; <b>PDBTitle:</b> crystal structure of a tetr transcriptional regulator from rhodococcus2 sp. rha1
76	<a href="#">c3f0cA</a>	Alignment	not modelled	99.8	13	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of transcriptional regulator from cytophaga2 hutchinsonii atcc 33406
77	<a href="#">c2zb9A</a>	Alignment	not modelled	99.8	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> crystal structure of tetr family transcription regulator2 sco0332
78	<a href="#">c3vuqD</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> transcription regulator <b>Chain:</b> D: <b>PDB Molecule:</b> transcriptional regulator (tetr/acrr family); <b>PDBTitle:</b> crystal structure of ttha0167, a transcriptional regulator, tetr/acrr2 family from thermus thermophilus hb8
79	<a href="#">c1jumB</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> hypothetical transcriptional regulator in qaca 5' region; <b>PDBTitle:</b> crystal structure of the multidrug binding transcriptional repressor2 qacr bound to the natural drug berberine
80	<a href="#">c4yzeD</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> hth-type transcriptional repressor nemr; <b>PDBTitle:</b> crystal structure of e.coli nemr reduced form
81	<a href="#">c3aqsD</a>	Alignment	not modelled	99.8	20	<b>PDB header:</b> transcription regulator <b>Chain:</b> D: <b>PDB Molecule:</b> bacterial regulatory proteins, tetr family; <b>PDBTitle:</b> crystal structure of rolr (ncgl1110) without ligand
82	<a href="#">c4za6A</a>	Alignment	not modelled	99.8	10	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> structure of the r. erythropolis transcriptional repressor qsdr from2 tetr family
83	<a href="#">c3qkxB</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized hth-type transcriptional regulator hi_0893; <b>PDBTitle:</b> crystal structure of a tetr-family transcriptional regulator (hi0893)2 from haemophilus influenzae rd at 2.35 a resolution
84	<a href="#">c3on4D</a>	Alignment	not modelled	99.8	21	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of tetr transcriptional regulator from legionella2 pneumophila
85	<a href="#">c2oi8A</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative regulatory protein sco4313; <b>PDBTitle:</b> crystal structure of putative regulatory protein sco4313
86	<a href="#">c3iuvA</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized tetr family protein; <b>PDBTitle:</b> the structure of a member of tetr family (sco1917) from2 streptomyces coelicolor a3
87	<a href="#">c4udsA</a>	Alignment	not modelled	99.8	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> mbdr regulator; <b>PDBTitle:</b> crystal structure of mbdr regulator from azoarcus sp. cib
88	<a href="#">c3s5rA</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator tetr family; <b>PDBTitle:</b> crystal structure of a putative transcriptional regulator of the tetr2 family (syn_02108) from syntrophus aciditrophicus at 2.60 a3 resolution
89	<a href="#">c1ui6B</a>	Alignment	not modelled	99.8	22	<b>PDB header:</b> antibiotic <b>Chain:</b> B: <b>PDB Molecule:</b> a-factor receptor homolog; <b>PDBTitle:</b> crystal structure of gamma-butyrolactone receptor (arpa-like protein)
90	<a href="#">c3gziA</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of a transcriptional regulator of the tetr family2 (shew_3567) from shewanella loihica pv-4 at 2.05 a resolution
91	<a href="#">c4cgrA</a>	Alignment	not modelled	99.8	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> structure of regulator protein sco3201 from streptomyces coelicolor
92	<a href="#">c1zk8A</a>	Alignment	not modelled	99.8	13	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of transcriptional regulator from bacillus cereus2 atcc 14579
93	<a href="#">c2zcxA</a>	Alignment	not modelled	99.8	21	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of tetr family transcriptional regulator2 sco7815
94	<a href="#">c5xazD</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> dna binding protein <b>Chain:</b> D: <b>PDB Molecule:</b> gamma-butyrolactone receptor protein; <b>PDBTitle:</b> crystal structure of full length native tylp, a tetr regulator from2 streptomyces fradiae
95	<a href="#">c1zkqB</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of transcriptional regulator, tetr family (tm1030)2 from thermotoga maritima at 2.30 a resolution
96	<a href="#">c1sgmA</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative hth-type transcriptional regulator yxaf; <b>PDBTitle:</b> crystal structure of hypothetical protein yxaf
97	<a href="#">c5ydpC</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> gene regulation <b>Chain:</b> C: <b>PDB Molecule:</b> tetr transcriptional regulatory protein; <b>PDBTitle:</b> crystal structure of tetr family repressor alkx from dietzia sp.2 strain dq12-45-1b implicated in biodegradation of n-alkanes
98	<a href="#">c4nn1A</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of transcriptional regulator rv1219c of2 mycobacterium tuberculosis
99	<a href="#">c5ovyA</a>	Alignment	not modelled	99.8	20	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator, tetr family;



						<b>PDBTitle:</b> crystal structure of mab_4384 tetr <b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of tetr transcriptional regulator from agrobacterium2 tumefaciens
100	<a href="#">c3c2bA_</a>	Alignment	not modelled	99.8	20	<b>PDB header:</b> dna binding protein <b>Chain:</b> D: <b>PDB Molecule:</b> mtrr; <b>PDBTitle:</b> structural basis for multidrug recognition and antimicrobial2 resistance by mtrr, an efflux pump regulator from neisseria3 gonorrhoeae
101	<a href="#">c3vibD_</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of mexz, a key repressor responsible for2 antibiotic resistance in pseudomonas aeruginosa.
102	<a href="#">c2wuiA_</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> gene regulation <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> crystal structure of the putative transcriptional regulator sco03372 from streptomyces coelicolor a3(2)
103	<a href="#">c2dg7A_</a>	Alignment	not modelled	99.8	14	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> putative transcriptional regulator (tetr/acrr family); <b>PDBTitle:</b> crystal structure of a putative transcriptional regulator (tetr/acrr2 family member) from putative transcriptional regulator (tetr/acrr3 family)
104	<a href="#">c3knwB_</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> crystal structure of transcriptional regulator sco5951 from2 streptomyces coelicolor a3(2)
105	<a href="#">c2id3A_</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> translation <b>Chain:</b> B: <b>PDB Molecule:</b> transcription regulator amtr; <b>PDBTitle:</b> crystal structure of mycobacterium smegmatis amtr
106	<a href="#">c5e57B_</a>	Alignment	not modelled	99.8	17	<b>PDB header:</b> transcription regulator <b>Chain:</b> D: <b>PDB Molecule:</b> putative regulatory protein; <b>PDBTitle:</b> crystal structure of the dequalinum-bound form of ramr2 (transcriptional regulator of tetr family) from salmonella3 typhimurium
107	<a href="#">c3vw0D_</a>	Alignment	not modelled	99.8	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> probable transcriptional regulatory protein (probably deor- <b>PDBTitle:</b> crystal structure of transcriptional regulator
108	<a href="#">c3v6gA_</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, acrr family; <b>PDBTitle:</b> crystal structure of predicted dna-binding transcriptional regulator2 of tetr/acrr family (np_350189.1) from clostridium acetobutylicum at3 2.10 a resolution
109	<a href="#">c3b81A_</a>	Alignment	not modelled	99.8	12	<b>PDB header:</b> gene regulation <b>Chain:</b> B: <b>PDB Molecule:</b> tetr family regulatory protein; <b>PDBTitle:</b> crystal structure of a tetr family regulatory protein (dip1788) from2 corynebacterium diphtheriae at 2.96 a resolution
110	<a href="#">c3npiB_</a>	Alignment	not modelled	99.8	17	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> cmer; <b>PDBTitle:</b> crystal structure of the transcriptional regulator cmer from2 campylobacter jejuni
111	<a href="#">c2qcoA_</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> apoptosis <b>Chain:</b> A: <b>PDB Molecule:</b> nicr; <b>PDBTitle:</b> co-crystal structure of nicr2_hsp
112	<a href="#">c5fglA_</a>	Alignment	not modelled	99.8	13	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> the crystal structure of tetr transcriptional regulator from2 streptococcus agalactiae 2603v
113	<a href="#">c3kkcB_</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> crystal structure of mycobacterium smegmatis bioq
114	<a href="#">c5xs9B_</a>	Alignment	not modelled	99.8	17	<b>PDB header:</b> cell adhesion <b>Chain:</b> C: <b>PDB Molecule:</b> intercellular adhesion protein r; <b>PDBTitle:</b> crystal structure of icar from staphylococcus aureus, a member of the2 tetracycline repressor protein family
115	<a href="#">c3geuC_</a>	Alignment	not modelled	99.8	13	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of the tetr transcription regulatory protein from2 mycobacterium vanbaalenii
116	<a href="#">c2qwtA_</a>	Alignment	not modelled	99.8	20	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of tetr-family transcriptional regulator from2 streptomyces coelicolor
117	<a href="#">c3bniA_</a>	Alignment	not modelled	99.8	21	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> regulator of macrolide 2'-phosphotransferase i; <b>PDBTitle:</b> structure of the macrolide biosensor protein, mphr(a)
118	<a href="#">c3g56A_</a>	Alignment	not modelled	99.8	14	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type protein slma; <b>PDBTitle:</b> molecular mechanism by which the escherichia coli nucleoid occlusion2 factor, slma, keeps cytokinesis in check
119	<a href="#">c3nxcA_</a>	Alignment	not modelled	99.8	20	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> hth-type transcriptional regulator rcda; <b>PDBTitle:</b> the x-ray crystal structure of a tetr family transcription regulator2 rcda involved in the regulation of biofilm formation in escherichia3 coli
120	<a href="#">c5x5iC_</a>	Alignment	not modelled	99.8	14	