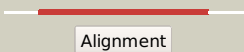

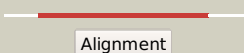

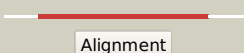

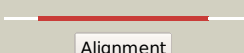





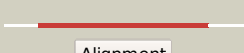

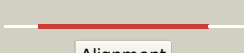
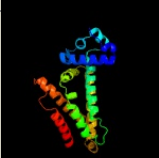







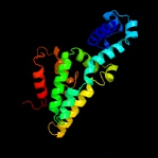



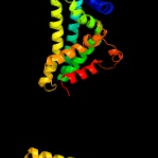

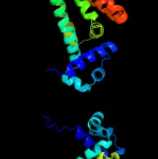
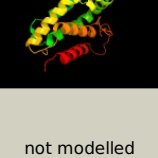


# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0232 (-) _277899_278588
Date	Tue Jul 23 14:50:29 BST 2019
Unique Job ID	3637502e26e60c43

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3bhqB_</a>	 Alignment		99.9	16	<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
2	<a href="#">c3nrgA_</a>	 Alignment		99.9	23	<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
3	<a href="#">c3npiB_</a>	 Alignment		99.9	17	<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
4	<a href="#">c1pb6D_</a>	 Alignment		99.9	17	<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
5	<a href="#">c4w97A_</a>	 Alignment		99.9	16	<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 of2 mycobacterium tuberculosis
6	<a href="#">c2qtqB_</a>	 Alignment		99.9	13	<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
7	<a href="#">c2pbxB_</a>	 Alignment		99.9	20	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> hemagglutinin/protease regulatory protein; <b>PDBTitle:</b> vibrio cholerae hapr
8	<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
9	<a href="#">c3s5rA_</a>	 Alignment		99.9	14	<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
10	<a href="#">c3lwjA_</a>	 Alignment		99.9	12	<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
11	<a href="#">c2iaiA_</a>	 Alignment		99.9	14	<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

12	<a href="#">c3anpD</a>	Alignment		99.9	17	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> transcriptional repressor, tetr family; <b>PDBTitle:</b> crystal structure of thermus thermophilus fadr, a tetr family2 transcriptional repressor, in complex with lauroyl-coa.
13	<a href="#">c3dewA</a>	Alignment		99.9	18	<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.
14	<a href="#">c5vl9D</a>	Alignment		99.9	18	<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
15	<a href="#">c2hyjA</a>	Alignment		99.9	16	<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 from2 streptomyces coelicolor
16	<a href="#">c3qbmA</a>	Alignment		99.9	20	<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) from2 chloroflexus aurantiacus j-10-fl at 1.80 a resolution
17	<a href="#">c3himA</a>	Alignment		99.9	14	<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
18	<a href="#">c2ibdB</a>	Alignment		99.9	15	<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
19	<a href="#">c5gpcC</a>	Alignment		99.9	17	<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
20	<a href="#">c2f07A</a>	Alignment		99.9	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> yvdt; <b>PDBTitle:</b> crystal structure of yvdt from bacillus subtilis
21	<a href="#">c3rh2A</a>	Alignment	not modelled	99.9	15	<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
22	<a href="#">c2g7sA</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> the crystal structure of transcriptional regulator, tetr family, from2 agrobacterium tumefaciens
23	<a href="#">c2id3A</a>	Alignment	not modelled	99.9	21	<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)
24	<a href="#">c1u9nA</a>	Alignment	not modelled	99.9	12	<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
25	<a href="#">c2rasB</a>	Alignment	not modelled	99.9	20	<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
26	<a href="#">c2nx4A</a>	Alignment	not modelled	99.9	18	<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.
27	<a href="#">c3gziA</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 a transcriptional regulator of the tetr

						family2 (shew_3567) from shewanella loihica pv-4 at 2.05 a resolution
28	<a href="#">c1rktA</a>	Alignment	not modelled	99.9	13	<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 from2 bacillus subtilis
29	<a href="#">c2zb9A</a>	Alignment	not modelled	99.9	20	<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
30	<a href="#">c4ichA</a>	Alignment	not modelled	99.9	12	<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
31	<a href="#">c6g8hC</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> tetr/acrr family transcriptional regulator; <b>PDBTitle:</b> flavonoid-responsive regulator frra in complex with naringenin
32	<a href="#">c1vi0B</a>	Alignment	not modelled	99.9	15	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> crystal structure of a transcriptional regulator
33	<a href="#">c2genA</a>	Alignment	not modelled	99.9	17	<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 pseudomonas aeruginosa pao1
34	<a href="#">c3bcgA</a>	Alignment	not modelled	99.9	18	<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
35	<a href="#">c3eupA</a>	Alignment	not modelled	99.9	14	<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
36	<a href="#">c5k7fA</a>	Alignment	not modelled	99.9	16	<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="#">c3dcfB</a>	Alignment	not modelled	99.9	19	<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 thermobifida fusca yx-er1 at 2.50 a resolution
38	<a href="#">c3vprA</a>	Alignment	not modelled	99.9	16	<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
39	<a href="#">c2g3bB</a>	Alignment	not modelled	99.9	18	<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.
40	<a href="#">c5ovyA</a>	Alignment	not modelled	99.9	19	<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
41	<a href="#">c4me9B</a>	Alignment	not modelled	99.9	14	<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
42	<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
43	<a href="#">c2uxoB</a>	Alignment	not modelled	99.9	19	<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
44	<a href="#">c2fq4A</a>	Alignment	not modelled	99.9	12	<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 family)2 from bacillus cereus
45	<a href="#">c1jumB</a>	Alignment	not modelled	99.9	13	<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
46	<a href="#">c5mwrB</a>	Alignment	not modelled	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 sulfolobus acidocaldarius
47	<a href="#">c3ppbB</a>	Alignment	not modelled	99.9	21	<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 shewanella sp. pv-4 at 2.10 a resolution
48	<a href="#">c3bruA</a>	Alignment	not modelled	99.9	19	<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
49	<a href="#">c4za6A</a>	Alignment	not modelled	99.9	14	<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
50	<a href="#">c2gfnA</a>	Alignment	not modelled	99.9	20	<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
51	<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

						rhodococcus sp. rha1
52	<a href="#">c5d1rA_</a>	Alignment	not modelled	99.9	15	<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.
53	<a href="#">c6azhA_</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> clostridium perfringens putative fatty acid metabolism regulator
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="#">c2fbqA_</a>	Alignment	not modelled	99.9	15	<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
56	<a href="#">c1zkgB_</a>	Alignment	not modelled	99.9	25	<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
57	<a href="#">c3pasA_</a>	Alignment	not modelled	99.9	21	<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
58	<a href="#">c2qibA_</a>	Alignment	not modelled	99.9	14	<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
59	<a href="#">c2o7tA_</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 tetr family transcriptional regulator2 (ncgl1578, cgl1640) from corynebacterium glutamicum at 2.10 a3 resolution
60	<a href="#">c3ccyA_</a>	Alignment	not modelled	99.8	13	<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
61	<a href="#">c2q24A_</a>	Alignment	not modelled	99.8	21	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr family transcriptional regulator; <b>PDBTitle:</b> crystal structure of tetr transcriptional regulator sco0520 from2 streptomyces coelicolor
62	<a href="#">c3f0cA_</a>	Alignment	not modelled	99.8	12	<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
63	<a href="#">c3g7rB_</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> crystal structure of sco4454, a tetr-family transcriptional regulator2 from streptomyces coelicolor
64	<a href="#">c2zcxA_</a>	Alignment	not modelled	99.8	16	<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
65	<a href="#">c6ayhA_</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tetr family transcriptional regulator; <b>PDBTitle:</b> salmonella enterica gusr
66	<a href="#">c3lsjA_</a>	Alignment	not modelled	99.8	15	<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
67	<a href="#">c4nn1A_</a>	Alignment	not modelled	99.8	19	<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
68	<a href="#">c3cdlA_</a>	Alignment	not modelled	99.8	20	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator aefr; <b>PDBTitle:</b> crystal structure of a tetr family transcriptional regulator from2 pseudomonas syringae pv. tomato str. dc3000
69	<a href="#">c3vuqD_</a>	Alignment	not modelled	99.8	25	<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
70	<a href="#">c2rekA_</a>	Alignment	not modelled	99.8	26	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr-family transcriptional regulator; <b>PDBTitle:</b> crystal structure of tetr-family transcriptional regulator
71	<a href="#">c3he0A_</a>	Alignment	not modelled	99.8	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 transcriptional regulator tetr family2 protein from vibrio parahaemolyticus.
72	<a href="#">c4yzeD_</a>	Alignment	not modelled	99.8	13	<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
73	<a href="#">c2np5A_</a>	Alignment	not modelled	99.8	19	<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.
74	<a href="#">c5d19A_</a>	Alignment	not modelled	99.8	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
75	<a href="#">c2hytA_</a>	Alignment	not modelled	99.8	17	<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 pectobacterium atrosepticum at 1.64 a resolution
76	<a href="#">c3cwrA_</a>	Alignment	not modelled	99.8	16	<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 of tetr

					family2 (yp_425770.1) from rhodospirillum rubrum atcc 11170 at 1.50 a3 resolution
77	<a href="#">c1ui6B</a>	Alignment	not modelled	99.8	23 <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)
78	<a href="#">c6ayiA</a>	Alignment	not modelled	99.8	18 <b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional regulator uidr; <b>PDBTitle:</b> escherichia coli gusr
79	<a href="#">c3c07B</a>	Alignment	not modelled	99.8	17 <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)
80	<a href="#">c2wuiA</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 mexz, a key repressor responsible for2 antibiotic resistance in pseudomonas aeruginosa.
81	<a href="#">c5xazD</a>	Alignment	not modelled	99.8	21 <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
82	<a href="#">c2qwtA</a>	Alignment	not modelled	99.8	23 <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
83	<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.
84	<a href="#">c5dajB</a>	Alignment	not modelled	99.8	17 <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
85	<a href="#">c3vibD</a>	Alignment	not modelled	99.8	16 <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
86	<a href="#">c3rd3B</a>	Alignment	not modelled	99.8	18 <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
87	<a href="#">c3nnrA</a>	Alignment	not modelled	99.8	11 <b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of a tetr-family transcriptional regulator2 (maqu_3571) from marinobacter aquaeolei vt8 at 2.49 a resolution
88	<a href="#">c3mnlA</a>	Alignment	not modelled	99.8	17 <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 mycobacterium tuberculosis2 h37rv
89	<a href="#">c1t33B</a>	Alignment	not modelled	99.8	17 <b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> putative transcriptional repressor (tetr/acrr family); <b>PDBTitle:</b> structural genomics, the crystal structure of a putative2 transcriptional repressor (tetr/acrr family) from salmonella3 typhimurim lt2
90	<a href="#">c2hkuB</a>	Alignment	not modelled	99.8	15 <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
91	<a href="#">c3f1bA</a>	Alignment	not modelled	99.8	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 from2 rhodococcus sp. rha1.
92	<a href="#">c2raeA</a>	Alignment	not modelled	99.8	18 <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
93	<a href="#">c2qcoA</a>	Alignment	not modelled	99.8	13 <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
94	<a href="#">c3c2bA</a>	Alignment	not modelled	99.8	18 <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
95	<a href="#">c4udsA</a>	Alignment	not modelled	99.8	16 <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
96	<a href="#">c2d6yA</a>	Alignment	not modelled	99.8	20 <b>PDB header:</b> gene regulation <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr family regulatory protein; <b>PDBTitle:</b> crystal structure of transcriptional factor sco4008 from streptomyces2 coelicolor a3(2)
97	<a href="#">c3knwB</a>	Alignment	not modelled	99.8	16 <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)
98	<a href="#">c3bjbE</a>	Alignment	not modelled	99.8	19 <b>PDB header:</b> transcription regulator <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
99	<a href="#">c3mvpA</a>	Alignment	not modelled	99.8	14 <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

100	<a href="#">c2oi8A_</a>	Alignment	not modelled	99.8	17	<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
101	<a href="#">c2i10A_</a>	Alignment	not modelled	99.8	20	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative tetr transcriptional regulator; <b>PDBTitle:</b> putative tetr transcriptional regulator from rhodococcus sp. rha1
102	<a href="#">c3vw0D_</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> transcription regulator <b>Chain:</b> D: <b>PDB Molecule:</b> putative regulatory protein; <b>PDBTitle:</b> crystal structure of the dequalinium-bound form of ramr2 (transcriptional regulator of tetr family) from salmonella3 typhimurium
103	<a href="#">c5n1cA_</a>	Alignment	not modelled	99.8	20	<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
104	<a href="#">c1z0xA_</a>	Alignment	not modelled	99.8	12	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of transcriptional regulator, tetr family from2 enterococcus faecalis v583
105	<a href="#">c3qkxB_</a>	Alignment	not modelled	99.8	20	<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
106	<a href="#">c3djpB_</a>	Alignment	not modelled	99.8	15	<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
107	<a href="#">c4jl3B_</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> transcription/dna <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulator, tetr family; <b>PDBTitle:</b> crystal structure of ms6564-dna complex
108	<a href="#">c4gctA_</a>	Alignment	not modelled	99.8	14	<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
109	<a href="#">c5fglA_</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> apoptosis <b>Chain:</b> A: <b>PDB Molecule:</b> nicr; <b>PDBTitle:</b> co-crystal structure of nicr2_hsp
110	<a href="#">c2jk3A_</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hemolysin ii regulatory protein; <b>PDBTitle:</b> crystal structure of the hlyiir mutant protein with2 residues 169-186 substituted by gssgssg linker
111	<a href="#">c3on4D_</a>	Alignment	not modelled	99.8	12	<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
112	<a href="#">c3colB_</a>	Alignment	not modelled	99.8	13	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> putative transcription regulator; <b>PDBTitle:</b> crystal structure of putative transcription regulator from2 lactobacillus plantarum
113	<a href="#">c3cjdB_</a>	Alignment	not modelled	99.8	16	<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
114	<a href="#">c4g12A_</a>	Alignment	not modelled	99.8	20	<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
115	<a href="#">c3aqsD_</a>	Alignment	not modelled	99.8	17	<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
116	<a href="#">c4ac6A_</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional repressor acnr; <b>PDBTitle:</b> corynebacterium glutamicum acnr au derivative structure
117	<a href="#">c2pz9A_</a>	Alignment	not modelled	99.8	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative regulatory protein; <b>PDBTitle:</b> crystal structure of putative transcriptional regulator sco4942 from2 streptomyces coelicolor
118	<a href="#">c3g56A_</a>	Alignment	not modelled	99.8	16	<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)
119	<a href="#">c1zk8A_</a>	Alignment	not modelled	99.8	18	<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
120	<a href="#">c3voxD_</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> transcriptional regulator; <b>PDBTitle:</b> x-ray crystal structure of wild type hrtr in the apo form