






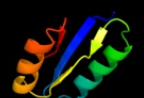







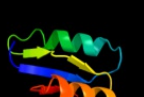












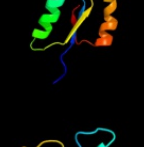

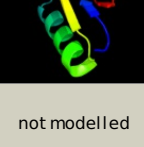
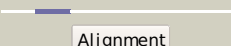
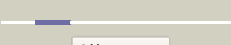

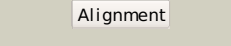
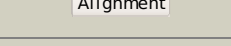
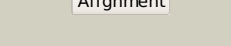
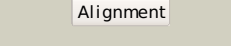


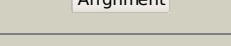
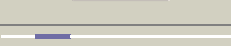
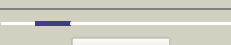
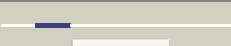


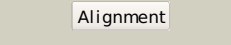



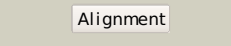



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3cniA_</a>	 Alignment		99.4	14	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative abc type-2 transporter; <b>PDBTitle:</b> crystal structure of a domain of a putative abc type-2 transporter2 from thermotoga maritima msb8
2	<a href="#">d2p0sa1</a>	 Alignment		95.7	18	<b>Fold:</b> Periplasmic binding protein-like II <b>Superfamily:</b> Periplasmic binding protein-like II <b>Family:</b> PG0945 N-terminal domain-like
3	<a href="#">c3eulB_</a>	 Alignment		86.3	7	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> possible nitrate/nitrite response transcriptional <b>PDBTitle:</b> structure of the signal receiver domain of the putative2 response regulator narl from mycobacterium tuberculosis
4	<a href="#">d1a04a2</a>	 Alignment		79.2	19	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
5	<a href="#">c1rnlA_</a>	 Alignment		77.8	19	<b>PDB header:</b> signal transduction protein <b>Chain:</b> A: <b>PDB Molecule:</b> nitrate/nitrite response regulator protein narl; <b>PDBTitle:</b> the nitrate/nitrite response regulator protein narl from narl
6	<a href="#">d1a2oa1</a>	 Alignment		73.1	17	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
7	<a href="#">c3cz5B_</a>	 Alignment		70.9	15	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> two-component response regulator, luxr family; <b>PDBTitle:</b> crystal structure of two-component response regulator, luxr family,2 from aurantimonas sp. si85-9a1
8	<a href="#">c1a2oB_</a>	 Alignment		70.7	17	<b>PDB header:</b> bacterial chemotaxis <b>Chain:</b> B: <b>PDB Molecule:</b> cheb methyltransferase; <b>PDBTitle:</b> structural basis for methyltransferase cheb regulation by a2 phosphorylation-activated domain
9	<a href="#">d1dz3a_</a>	 Alignment		70.0	15	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
10	<a href="#">c3b2nA_</a>	 Alignment		66.5	12	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein q99uf4; <b>PDBTitle:</b> crystal structure of dna-binding response regulator, luxr family, from2 staphylococcus aureus
11	<a href="#">c3t8yA_</a>	 Alignment		61.0	13	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> chemotaxis response regulator protein-glutamate <b>PDBTitle:</b> crystal structure of the response regulator domain of thermotoga2 maritima cheb

12	<a href="#">c2qv0A_</a>	Alignment		59.8	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> protein mrke; <b>PDBTitle:</b> crystal structure of the response regulatory domain of2 protein mrke from klebsiella pneumoniae
13	<a href="#">c3c3wB_</a>	Alignment		55.2	13	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> two component transcriptional regulatory protein devr; <b>PDBTitle:</b> crystal structure of the mycobacterium tuberculosis hypoxic response2 regulator dosr
14	<a href="#">c3cnbC_</a>	Alignment		52.7	21	<b>PDB header:</b> dna binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> dna-binding response regulator, merr family; <b>PDBTitle:</b> crystal structure of signal receiver domain of dna binding response2 regulator protein (merr) from colwellia psychrerythraea 34h
15	<a href="#">d1v95a_</a>	Alignment		50.6	5	<b>Fold:</b> Anticodon-binding domain-like <b>Superfamily:</b> Class II aaRS ABD-related <b>Family:</b> Anticodon-binding domain of Class II aaRS
16	<a href="#">d1heya_</a>	Alignment		46.0	4	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
17	<a href="#">c3fkqA_</a>	Alignment		46.0	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> ntrc-like two-domain protein; <b>PDBTitle:</b> crystal structure of ntrc-like two-domain protein (rer070207001320)2 from eubacterium rectale at 2.10 a resolution
18	<a href="#">c2qwrA_</a>	Alignment		44.4	11	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna-binding response regulator mtra; <b>PDBTitle:</b> crystal structure of the response regulator protein mtra from2 mycobacterium tuberculosis
19	<a href="#">c3f6cB_</a>	Alignment		40.9	10	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> positive transcription regulator evga; <b>PDBTitle:</b> crystal structure of n-terminal domain of positive transcription2 regulator evga from escherichia coli
20	<a href="#">c3cg4A_</a>	Alignment		39.9	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator receiver domain protein (cheY-like); <b>PDBTitle:</b> crystal structure of response regulator receiver domain protein (cheY-2 like) from methanospirillum hungatei jf-1
21	<a href="#">c3kyiB_</a>	Alignment	not modelled	39.7	17	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> cheY6 protein; <b>PDBTitle:</b> crystal structure of the phosphorylated p1 domain of chea3 in complex2 with cheY6 from r. sphaeroides
22	<a href="#">d1p6qa_</a>	Alignment	not modelled	38.2	11	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
23	<a href="#">d1jbea_</a>	Alignment	not modelled	37.8	5	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
24	<a href="#">c3r0jA_</a>	Alignment	not modelled	33.5	11	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> possible two component system response transcriptional <b>PDBTitle:</b> structure of phop from mycobacterium tuberculosis
25	<a href="#">d2ayxa1</a>	Alignment	not modelled	32.5	7	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
26	<a href="#">c3k2dA_</a>	Alignment	not modelled	29.5	4	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> abc-type metal ion transport system, periplasmic component; <b>PDBTitle:</b> crystal structure of immunogenic lipoprotein a from vibrio vulnificus
27	<a href="#">c1p99A_</a>	Alignment	not modelled	28.8	5	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein pg110; <b>PDBTitle:</b> 1.7a crystal structure of protein pg110 from staphylococcus2 aureus
28	<a href="#">d1p99a_</a>	Alignment	not modelled	28.8	5	<b>Fold:</b> Periplasmic binding protein-like II <b>Superfamily:</b> Periplasmic binding protein-like II <b>Family:</b> Phosphate binding protein-like

29	<a href="#">d1xs5a_</a>	Alignment	not modelled	28.8	4	<b>Fold:</b> Periplasmic binding protein-like II <b>Superfamily:</b> Periplasmic binding protein-like II <b>Family:</b> Phosphate binding protein-like
30	<a href="#">d1dbwa_</a>	Alignment	not modelled	26.6	17	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
31	<a href="#">d1s8na_</a>	Alignment	not modelled	26.5	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
32	<a href="#">c1kgsA_</a>	Alignment	not modelled	26.5	14	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna binding response regulator d; <b>PDBTitle:</b> crystal structure at 1.50 a of an ompr/phob homolog from thermotoga2 maritima
33	<a href="#">d1u0sy_</a>	Alignment	not modelled	23.9	8	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
34	<a href="#">c3a0rB_</a>	Alignment	not modelled	21.6	12	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> response regulator; <b>PDBTitle:</b> crystal structure of histidine kinase thka (tm1359) in complex with2 response regulator protein trra (tm1360)
35	<a href="#">c3nhzA_</a>	Alignment	not modelled	21.5	14	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> two component system transcriptional regulator mtra; <b>PDBTitle:</b> structure of n-terminal domain of mtra
36	<a href="#">c3grcD_</a>	Alignment	not modelled	20.1	13	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> sensor protein, kinase; <b>PDBTitle:</b> crystal structure of a sensor protein from polaromonas sp.2 js666
37	<a href="#">d1zgza1</a>	Alignment	not modelled	20.1	22	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
38	<a href="#">c3khtA_</a>	Alignment	not modelled	17.8	12	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator; <b>PDBTitle:</b> crystal structure of response regulator from hahella chejuensis
39	<a href="#">c3t6kB_</a>	Alignment	not modelled	17.8	19	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> response regulator receiver; <b>PDBTitle:</b> crystal structure of a hypothetical response regulator (caur_3799)2 from chloroflexus aurantiacus j-10-fl at 1.86 a resolution
40	<a href="#">c1zn2A_</a>	Alignment	not modelled	17.7	15	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> response regulatory protein; <b>PDBTitle:</b> low resolution structure of response regulator styr
41	<a href="#">d1ys7a2</a>	Alignment	not modelled	17.4	16	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
42	<a href="#">c3chgB_</a>	Alignment	not modelled	16.5	12	<b>PDB header:</b> ligand binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> glycine betaine-binding protein; <b>PDBTitle:</b> the compatible solute-binding protein opuac from bacillus2 subtilis in complex with dmsa
43	<a href="#">d1kgsa2</a>	Alignment	not modelled	16.5	12	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
44	<a href="#">c1ys7B_</a>	Alignment	not modelled	16.4	12	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> transcriptional regulatory protein prra; <b>PDBTitle:</b> crystal structure of the response regulator protein prra complexed with2 mg2+
45	<a href="#">c3q9sA_</a>	Alignment	not modelled	16.1	16	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna-binding response regulator; <b>PDBTitle:</b> crystal structure of rra(1-215) from deinococcus radiodurans
46	<a href="#">c2rejA_</a>	Alignment	not modelled	16.1	3	<b>PDB header:</b> choline-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative glycine betaine abc transporter protein; <b>PDBTitle:</b> abc-transporter choline binding protein in unliganded semi-2 closed conformation
47	<a href="#">d1mvoa_</a>	Alignment	not modelled	16.0	24	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
48	<a href="#">d1xhfa1</a>	Alignment	not modelled	15.4	12	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
49	<a href="#">c2oqrA_</a>	Alignment	not modelled	15.3	14	<b>PDB header:</b> transcription,signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> sensory transduction protein regx3; <b>PDBTitle:</b> the structure of the response regulator regx3 from mycobacterium2 tuberculosis
50	<a href="#">c3hdgE_</a>	Alignment	not modelled	15.3	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> E: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of the n-terminal domain of an2 uncharacterized protein (ws1339) from wolinella3 succinogenes
51	<a href="#">c2h9qC_</a>	Alignment	not modelled	15.3	9	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> hth-type transcriptional regulator catm; <b>PDBTitle:</b> crystal structure of the effector binding domain of a catm2 variant (r156h)
52	<a href="#">c3nhmA_</a>	Alignment	not modelled	15.3	10	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator; <b>PDBTitle:</b> crystal structure of a response regulator from myxococcus xanthus
53	<a href="#">c3ir1F_</a>	Alignment	not modelled	15.1	4	<b>PDB header:</b> protein binding <b>Chain:</b> F: <b>PDB Molecule:</b> outer membrane lipoprotein gna1946; <b>PDBTitle:</b> crystal structure of lipoprotein gna1946 from neisseria2 meningitidis
54	<a href="#">c3breA_</a>	Alignment	not modelled	14.8	12	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable two-component response regulator; <b>PDBTitle:</b> crystal structure of p.aeruginosa pa3702

55	<a href="#">c3hv2B</a>	 Alignment	not modelled	14.4	12	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> response regulator/hd domain protein; <b>PDBTitle:</b> crystal structure of signal receiver domain of hd domain-2 containing protein from pseudomonas fluorescens pf-5
56	<a href="#">c3cg0A</a>	 Alignment	not modelled	13.7	6	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator receiver modulated diguanylate cyclase <b>PDBTitle:</b> crystal structure of signal receiver domain of modulated diguanylate2 cyclase from desulfovibrio desulfuricans g20, an example of alternate3 folding
57	<a href="#">c3cu5B</a>	 Alignment	not modelled	13.0	13	<b>PDB header:</b> transcription regulator <b>Chain:</b> B: <b>PDB Molecule:</b> two component transcriptional regulator, arac family; <b>PDBTitle:</b> crystal structure of a two component transcriptional regulator arac2 from clostridium phytofermentans isdg
58	<a href="#">c3ho7A</a>	 Alignment	not modelled	13.0	3	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> oxyr; <b>PDBTitle:</b> crystal structure of oxyr from porphyromonas gingivalis
59	<a href="#">c2qzjC</a>	 Alignment	not modelled	13.0	18	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> two-component response regulator; <b>PDBTitle:</b> crystal structure of a two-component response regulator from2 clostridium difficile
60	<a href="#">d1peya</a>	 Alignment	not modelled	12.9	16	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
61	<a href="#">c3l6gA</a>	 Alignment	not modelled	12.6	11	<b>PDB header:</b> glycine betaine-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> betaine abc transporter permease and substrate binding <b>PDBTitle:</b> crystal structure of lactococcal opuac in its open conformation
62	<a href="#">c3i42A</a>	 Alignment	not modelled	12.6	10	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator receiver domain protein (chey- <b>PDBTitle:</b> structure of response regulator receiver domain (chey-like)2 from methylobacillus flagellatus
63	<a href="#">c3lteH</a>	 Alignment	not modelled	12.1	9	<b>PDB header:</b> transcription <b>Chain:</b> H: <b>PDB Molecule:</b> response regulator; <b>PDBTitle:</b> crystal structure of response regulator (signal receiver domain) from2 bermanella marisrubri
64	<a href="#">c2rjnA</a>	 Alignment	not modelled	11.6	13	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator receiver:metal-dependent <b>PDBTitle:</b> crystal structure of an uncharacterized protein q2bku2 from2 neptuniibacter caesariensis
65	<a href="#">d1zesal</a>	 Alignment	not modelled	11.3	8	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
66	<a href="#">d1ny5a1</a>	 Alignment	not modelled	11.1	6	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
67	<a href="#">c3hzhA</a>	 Alignment	not modelled	10.2	9	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> chemotaxis response regulator (chey-3); <b>PDBTitle:</b> crystal structure of the chey-chey-bef3-mg+2 complex from2 borrelia burgdorferi
68	<a href="#">d1yioa2</a>	 Alignment	not modelled	10.0	15	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
69	<a href="#">c2qxyB</a>	 Alignment	not modelled	9.6	16	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> response regulator; <b>PDBTitle:</b> crystal structure of a response regulator from thermotoga2 maritima
70	<a href="#">c2hqrA</a>	 Alignment	not modelled	9.6	12	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> structure of a atypical orphan response regulator protein revealed a2 new phosphorylation-independent regulatory mechanism
71	<a href="#">d1krwa</a>	 Alignment	not modelled	9.3	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
72	<a href="#">c3dzdA</a>	 Alignment	not modelled	9.2	16	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator (ntrc family); <b>PDBTitle:</b> crystal structure of sigma54 activator ntrc4 in the inactive2 state
73	<a href="#">d1w25a1</a>	 Alignment	not modelled	8.8	12	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
74	<a href="#">c3c3mA</a>	 Alignment	not modelled	8.7	11	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator receiver protein; <b>PDBTitle:</b> crystal structure of the n-terminal domain of response regulator2 receiver protein from methanoculleus marisnigri jr1
75	<a href="#">c2qr3A</a>	 Alignment	not modelled	8.7	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> two-component system response regulator; <b>PDBTitle:</b> crystal structure of the n-terminal signal receiver domain of two-2 component system response regulator from bacteroides fragilis
76	<a href="#">d2pl1a1</a>	 Alignment	not modelled	8.7	15	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
77	<a href="#">d1zh2a1</a>	 Alignment	not modelled	8.4	17	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
78	<a href="#">c2ep5B</a>	 Alignment	not modelled	8.4	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 350aa long hypothetical aspartate-semialdehyde <b>PDBTitle:</b> structural study of project id st1242 from sulfolobus tokodaii strain7

79	<a href="#">c2zwmA_</a>	Alignment	not modelled	8.2	10	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulatory protein yycf; <b>PDBTitle:</b> crystal structure of yycf receiver domain from bacillus2 subtilis
80	<a href="#">d2a9pa1</a>	Alignment	not modelled	8.2	10	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
81	<a href="#">c2f7cA_</a>	Alignment	not modelled	8.0	8	<b>PDB header:</b> gene regulation <b>Chain:</b> A: <b>PDB Molecule:</b> hth-type transcriptional regulator catm; <b>PDBTitle:</b> catm effector binding domain with its effector cis,cis-muconate
82	<a href="#">c3muqB_</a>	Alignment	not modelled	7.9	8	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized conserved protein; <b>PDBTitle:</b> the crystal structure of a conserved functionally unknown protein from2 vibrio parahaemolyticus rimd 2210633
83	<a href="#">d2czla1</a>	Alignment	not modelled	7.8	8	<b>Fold:</b> Periplasmic binding protein-like II <b>Superfamily:</b> Periplasmic binding protein-like II <b>Family:</b> Phosphate binding protein-like
84	<a href="#">c2jrlA_</a>	Alignment	not modelled	7.8	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator (ntrc family); <b>PDBTitle:</b> solution structure of the beryllofluoride-activated ntrc4 receiver2 domain dimer
85	<a href="#">c3c97A_</a>	Alignment	not modelled	7.5	2	<b>PDB header:</b> signaling protein, transferase <b>Chain:</b> A: <b>PDB Molecule:</b> signal transduction histidine kinase; <b>PDBTitle:</b> crystal structure of the response regulator receiver domain2 of a signal transduction histidine kinase from aspergillus3 oryzae
86	<a href="#">d1mb3a_</a>	Alignment	not modelled	7.4	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
87	<a href="#">c1ny5A_</a>	Alignment	not modelled	7.2	10	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator (ntrc family); <b>PDBTitle:</b> crystal structure of sigm54 activator (aaa+ atpase) in the inactive2 state
88	<a href="#">c2nt3A_</a>	Alignment	not modelled	7.2	20	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator homolog; <b>PDBTitle:</b> receiver domain from myxococcus xanthus social motility protein frzs2 (y102a mutant)
89	<a href="#">c2zayA_</a>	Alignment	not modelled	7.2	6	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator receiver protein; <b>PDBTitle:</b> crystal structure of response regulator from desulfuromonas2 acetoxidans
90	<a href="#">c3tmgA_</a>	Alignment	not modelled	7.0	7	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> glycine betaine, l-proline abc transporter, <b>PDBTitle:</b> crystal structure of glycine betaine, l-proline abc transporter,2 glycine/betaine/l-proline-binding protein (prox) from borrelia3 burgdorferi
91	<a href="#">c3kn3C_</a>	Alignment	not modelled	6.8	2	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> putative periplasmic protein; <b>PDBTitle:</b> crystal structure of lysr substrate binding domain (25-263) of2 putative periplasmic protein from wolinetlla succinogenes
92	<a href="#">c2v25B_</a>	Alignment	not modelled	6.6	5	<b>PDB header:</b> receptor <b>Chain:</b> B: <b>PDB Molecule:</b> major cell-binding factor; <b>PDBTitle:</b> structure of the campylobacter jejuni antigen peb1a, an2 aspartate and glutamate receptor with bound aspartate
93	<a href="#">c1w25B_</a>	Alignment	not modelled	6.4	12	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> stalked-cell differentiation controlling protein; <b>PDBTitle:</b> response regulator pled in complex with c-digmp
94	<a href="#">c3gxaA_</a>	Alignment	not modelled	6.4	9	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> outer membrane lipoprotein gna1946; <b>PDBTitle:</b> crystal structure of gna1946
95	<a href="#">d1k66a_</a>	Alignment	not modelled	6.4	8	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> CheY-like <b>Family:</b> CheY-related
96	<a href="#">c2qsjB_</a>	Alignment	not modelled	6.4	8	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> dna-binding response regulator, luxr family; <b>PDBTitle:</b> crystal structure of a luxr family dna-binding response2 regulator from silicibacter pomeroyi
97	<a href="#">c3cfyA_</a>	Alignment	not modelled	6.3	8	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative luxo repressor protein; <b>PDBTitle:</b> crystal structure of signal receiver domain of putative luxo2 repressor protein from vibrio parahaemolyticus
98	<a href="#">c3snkA_</a>	Alignment	not modelled	6.2	8	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator chey-like protein; <b>PDBTitle:</b> crystal structure of a response regulator chey-like protein (ml16475)2 from mesorhizobium loti at 2.02 a resolution
99	<a href="#">c3ktoA_</a>	Alignment	not modelled	6.1	8	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> response regulator receiver protein; <b>PDBTitle:</b> crystal structure of response regulator receiver protein2 from pseudoalteromonas atlantica