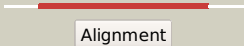

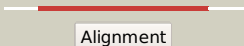

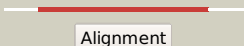




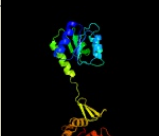


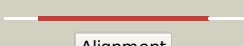


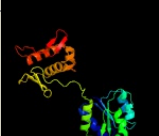








Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD3246c_(mtrA)_3626660_3627346
 Date Thu Aug 8 16:20:45 BST 2019
 Unique Job ID b6eaa90c04dab025

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4kfcB_			100.0	35	PDB header: transcription regulator/dna Chain: B: PDB Molecule: kdp operon transcriptional regulatory protein kdpe; PDBTitle: crystal structure of a hyperactive mutant of response regulator kdpe2 complexed to its promoter dna
2	c2gwrA_			100.0	97	PDB header: signaling protein Chain: A: PDB Molecule: dna-binding response regulator mtra; PDBTitle: crystal structure of the response regulator protein mtra from2 mycobacterium tuberculosis
3	c2oqrA_			100.0	48	PDB header: transcription,signaling protein Chain: A: PDB Molecule: sensory transduction protein regx3; PDBTitle: the structure of the response regulator regx3 from mycobacterium2 tuberculosis
4	c1ys7B_			100.0	44	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulatory protein prra; PDBTitle: crystal structure of the response regulator protein prra complexed2 with mg2+
5	c4s05B_			100.0	32	PDB header: transcription/dna Chain: B: PDB Molecule: dna-binding transcriptional regulator basr; PDBTitle: crystal structure of klebsiella pneumoniae pmra in complex with pmra2 box dna
6	c4b09F_			100.0	37	PDB header: transcription Chain: F: PDB Molecule: transcriptional regulatory protein baer; PDBTitle: structure of unphosphorylated baer dimer
7	c3r0jA_			100.0	39	PDB header: dna binding protein Chain: A: PDB Molecule: possible two component system response transcriptional PDBTitle: structure of phop from mycobacterium tuberculosis
8	c5u8mA_			100.0	32	PDB header: transcription Chain: A: PDB Molecule: response regulator; PDBTitle: a novel family of redox sensors in the streptococci evolved from two-2 component response regulators
9	c2hqrA_			100.0	24	PDB header: signaling protein Chain: A: PDB Molecule: putative transcriptional regulator; PDBTitle: structure of a atypical orphan response regulator protein revealed a2 new phosphorylation-independent regulatory mechanism
10	c1kgsA_			100.0	35	PDB header: dna binding protein Chain: A: PDB Molecule: dna binding response regulator d; PDBTitle: crystal structure at 1.50 a of an ompr/phob homolog from thermotoga2 maritima
11	c1p2fA_			100.0	34	PDB header: transcription Chain: A: PDB Molecule: response regulator; PDBTitle: crystal structure analysis of response regulator drrb, a thermotoga2 maritima ompr/phob homolog

12	c3q9sA_	Alignment		100.0	39	PDB header: dna binding protein Chain: A: PDB Molecule: dna-binding response regulator; PDBTitle: crystal structure of rra(1-215) from deinococcus radiodurans
13	c5xt2C_	Alignment		100.0	25	PDB header: dna binding protein Chain: C: PDB Molecule: response regulator fixj; PDBTitle: crystal structures of full-length fixj from b. japonicum crystallized2 in space group p212121
14	c1zn2A_	Alignment		99.9	26	PDB header: transcription regulator Chain: A: PDB Molecule: response regulatory protein; PDBTitle: low resolution structure of response regulator styf
15	d1s8na_	Alignment		99.9	23	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
16	c5f64C_	Alignment		99.9	21	PDB header: transcription regulator Chain: C: PDB Molecule: positive transcription regulator evga; PDBTitle: putative positive transcription regulator (sensor evgs) from shigella2 flexneri
17	c2ayxA_	Alignment		99.9	26	PDB header: transferase Chain: A: PDB Molecule: sensor kinase protein rcsc; PDBTitle: solution structure of the e.coli rcsc c-terminus (residues2700-949) containing linker region and phosphoreceiver3 domain
18	c3nhzA_	Alignment		99.9	100	PDB header: dna binding protein Chain: A: PDB Molecule: two component system transcriptional regulator mtra; PDBTitle: structure of n-terminal domain of mtra
19	c5e3jB_	Alignment		99.9	48	PDB header: transcription Chain: B: PDB Molecule: response regulator rsta; PDBTitle: the response regulator rsta is a potential drug target for2 acinetobacter baumannii
20	d1mvoa_	Alignment		99.9	50	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
21	c3cfyA_	Alignment	not modelled	99.9	30	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative luxo repressor protein; PDBTitle: crystal structure of signal receiver domain of putative luxo repressor2 protein from vibrio parahaemolyticus
22	d2a9pa1	Alignment	not modelled	99.9	44	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
23	c3eq2A_	Alignment	not modelled	99.9	32	PDB header: signaling protein Chain: A: PDB Molecule: probable two-component response regulator; PDBTitle: structure of hexagonal crystal form of pseudomonas aeruginosa rssb
24	c4hyeB_	Alignment	not modelled	99.9	18	PDB header: transcription activator Chain: B: PDB Molecule: response regulator; PDBTitle: crystal structure of a response regulator spr1814 from streptococcus2 pneumoniae reveals unique interdomain contacts among narl family3 proteins
25	c1w25B_	Alignment	not modelled	99.9	42	PDB header: signaling protein Chain: B: PDB Molecule: stalked-cell differentiation controlling protein; PDBTitle: response regulator pled in complex with c-digmp
26	c2zwmA_	Alignment	not modelled	99.9	51	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein yycf; PDBTitle: crystal structure of yycf receiver domain from bacillus2 subtilis
27	c4q7eA_	Alignment	not modelled	99.9	31	PDB header: signaling protein Chain: A: PDB Molecule: response regulator of a two component regulatory system; PDBTitle: non-phosphorylated hemr receiver domain from leptospira biflexa
						PDB header: transcription

28	c2qzjC_	Alignment	not modelled	99.9	28	Chain: C; PDB Molecule: two-component response regulator; PDBTitle: crystal structure of a two-component response regulator from2 clostridium difficile
29	c5t3yA_	Alignment	not modelled	99.9	29	PDB header: signaling protein Chain: A; PDB Molecule: two-component system response regulator; PDBTitle: solution structure of response regulator protein from burkholderia2 multivorans
30	c3breA_	Alignment	not modelled	99.9	31	PDB header: signaling protein Chain: A; PDB Molecule: probable two-component response regulator; PDBTitle: crystal structure of p.aeruginosa pa3702
31	d1krwa_	Alignment	not modelled	99.9	32	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
32	c6ifhA_	Alignment	not modelled	99.9	34	PDB header: transferase Chain: A; PDB Molecule: sporulation initiation phosphotransferase f; PDBTitle: unphosphorylated spo0f from paenisporosarcina sp. tg-14
33	c5ep0A_	Alignment	not modelled	99.9	31	PDB header: transcription Chain: A; PDB Molecule: putative repressor protein luxo; PDBTitle: quorum-sensing signal integrator luxo - receiver+catalytic domains
34	c3c3wB_	Alignment	not modelled	99.9	24	PDB header: transcription Chain: B; PDB Molecule: two component transcriptional regulatory protein devr; PDBTitle: crystal structure of the mycobacterium tuberculosis hypoxic response2 regulator dosr
35	c5m7nA_	Alignment	not modelled	99.9	31	PDB header: signaling protein Chain: A; PDB Molecule: nitrogen assimilation regulatory protein; PDBTitle: crystal structure of ntrx from brucella abortus in complex with atp2 processed with the crystaldirect automated mounting and cryo-cooling3 technology
36	c6od1A_	Alignment	not modelled	99.9	26	PDB header: signaling protein Chain: A; PDB Molecule: regulator of rpos; PDBTitle: irad-bound to rssb d58p variant
37	d1zgza1	Alignment	not modelled	99.9	36	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
38	c3w9sB_	Alignment	not modelled	99.9	37	PDB header: signaling protein/antimicrobial protein Chain: B; PDB Molecule: ompr family response regulator in two-component regulatory PDBTitle: crystal structure analysis of the n-terminal receiver domain of2 response regulator pmra
39	d1ys7a2	Alignment	not modelled	99.9	47	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
40	c2rv8A_	Alignment	not modelled	99.9	31	PDB header: dna binding protein Chain: A; PDB Molecule: dna-binding response regulator; PDBTitle: solution structure of the phop dna-binding domain from mycobacterium2 tuberculosis
41	c4eukA_	Alignment	not modelled	99.9	25	PDB header: signaling protein Chain: A; PDB Molecule: histidine kinase 5; PDBTitle: crystal structure
42	c4qpiC_	Alignment	not modelled	99.9	37	PDB header: signaling protein/dna binding protein Chain: C; PDB Molecule: cell cycle response regulator ctra; PDBTitle: 2.7 angstrom structure of a phosphotransferase in complex with a2 receiver domain
43	c3i5aA_	Alignment	not modelled	99.9	33	PDB header: signaling protein Chain: A; PDB Molecule: response regulator/ggdef domain protein; PDBTitle: crystal structure of full-length wpsr from pseudomonas syringae
44	c3rqia_	Alignment	not modelled	99.9	20	PDB header: transcription Chain: A; PDB Molecule: response regulator protein; PDBTitle: crystal structure of a response regulator protein from burkholderia2 pseudomallei with a phosphorylated aspartic acid, calcium ion and3 citrate
45	d1xhfa1	Alignment	not modelled	99.9	40	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
46	d1zh2a1	Alignment	not modelled	99.9	37	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
47	c3dzdA_	Alignment	not modelled	99.9	20	PDB header: transcription regulator Chain: A; PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigma54 activator ntrc4 in the inactive2 state
48	c5x5jA_	Alignment	not modelled	99.9	40	PDB header: dna binding protein Chain: A; PDB Molecule: ader; PDBTitle: crystal structure of response regulator ader receiver domain
49	c1rn1A_	Alignment	not modelled	99.9	24	PDB header: signal transduction protein Chain: A; PDB Molecule: nitrate/nitrite response regulator protein narl; PDBTitle: the nitrate/nitrite response regulator protein narl from narl
50	c4if4A_	Alignment	not modelled	99.9	22	PDB header: transcription Chain: A; PDB Molecule: response regulator protein vvar; PDBTitle: crystal structure of the magnesium and berylliofluoride-activated vvar2 from staphylococcus aureus
51	d2pl1a1	Alignment	not modelled	99.9	38	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
52	d1dbwa_	Alignment	not modelled	99.9	23	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
						PDB header: transcription

53	c5uicA	Alignment	not modelled	99.9	42	Chain: A: PDB Molecule: two-component response regulator; PDBTitle: structure of the francisella response regulator receiver domain, qseb
54	d1peya	Alignment	not modelled	99.9	34	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
55	d2ayxa1	Alignment	not modelled	99.9	25	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
56	c3gt7A	Alignment	not modelled	99.9	35	PDB header: hydrolase Chain: A: PDB Molecule: sensor protein; PDBTitle: crystal structure of signal receiver domain of signal transduction2 histidine kinase from syntrophus aciditrophicus
57	c3iteH	Alignment	not modelled	99.9	30	PDB header: transcription Chain: H: PDB Molecule: response regulator; PDBTitle: crystal structure of response regulator (signal receiver domain) from2 bermanella marisrubri
58	d1zesa1	Alignment	not modelled	99.9	50	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
59	c1ny5A	Alignment	not modelled	99.9	23	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigm54 activator (aaa+ atpase) in the inactive2 state
60	d1w25a1	Alignment	not modelled	99.9	41	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
61	d1qkka	Alignment	not modelled	99.9	27	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
62	c2jrIA	Alignment	not modelled	99.9	21	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: solution structure of the beryllofluoride-activated ntrc4 receiver2 domain dimer
63	c3to5A	Alignment	not modelled	99.9	31	PDB header: signaling protein Chain: A: PDB Molecule: chey homolog; PDBTitle: high resolution structure of chey3 from vibrio cholerae
64	c4lzlA	Alignment	not modelled	99.9	29	PDB header: transcription Chain: A: PDB Molecule: response regulator; PDBTitle: structure of the inactive form of the regulatory domain from the2 repressor of iron transport regulator (ritr)
65	c4h60A	Alignment	not modelled	99.9	30	PDB header: signaling protein Chain: A: PDB Molecule: chemotaxis protein chey; PDBTitle: high resolution structure of vibrio cholerae chemotaxis protein chey42 crystallized in low ph (4.0) condition
66	d1ny5a1	Alignment	not modelled	99.9	23	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
67	c2rjnA	Alignment	not modelled	99.9	17	PDB header: hydrolase Chain: A: PDB Molecule: response regulator receiver:metal-dependent PDBTitle: crystal structure of an uncharacterized protein q2bku2 from2 neptuniibacter caesariensis
68	c3t6kB	Alignment	not modelled	99.9	41	PDB header: signaling protein Chain: B: PDB Molecule: response regulator receiver; PDBTitle: crystal structure of a putative response regulator (caur_3799) from2 chloroflexus aurantiacus j-10-fl at 1.86 a resolution
69	d1yioa2	Alignment	not modelled	99.9	32	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
70	d1p6qa	Alignment	not modelled	99.9	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
71	c4uhsA	Alignment	not modelled	99.9	50	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein cpxr; PDBTitle: crystal structure of the receiver domain of cpxr from e. coli2 (tetragonal form)
72	c5hevC	Alignment	not modelled	99.9	23	PDB header: transcription Chain: C: PDB Molecule: response regulator protein vvar; PDBTitle: crystal structure of the beryllofluoride-activated liar from2 enterococcus faecium
73	c5dclB	Alignment	not modelled	99.9	30	PDB header: signaling protein Chain: B: PDB Molecule: phob family transcriptional regulator; PDBTitle: structure of a lantibiotic response regulator: n terminal domain of2 the nisin resistance regulator nsrr
74	c5kxbB	Alignment	not modelled	99.9	25	PDB header: signaling protein Chain: B: PDB Molecule: osmolarity two-component system protein ssk1; PDBTitle: co-crystal structure of the saccharomyces cerevisiae histidine2 phosphotransfer signaling protein ypd1 and the receiver domain of its3 downstream response regulator ssk1
75	c1a2oB	Alignment	not modelled	99.9	30	PDB header: bacterial chemotaxis Chain: B: PDB Molecule: cheb methyltransferase; PDBTitle: structural basis for methylesterase cheb regulation by a2 phosphorylation-activated domain
76	d1kgsa2	Alignment	not modelled	99.9	39	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
77	d1jbea	Alignment	not modelled	99.9	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
78	c5briA	Alignment	not modelled	99.9	36	PDB header: signaling protein Chain: A: PDB Molecule: candidate response regulator, chey; PDBTitle: bacteriophytochrome response regulator rtbrr

79	d1k66a_	Alignment	not modelled	99.9	28	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
80	c5tqjA_	Alignment	not modelled	99.9	34	PDB header: signaling protein Chain: A: PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator receiver protein from2 burkholderia phymatum
81	c3hv2B_	Alignment	not modelled	99.8	25	PDB header: signaling protein Chain: B: PDB Molecule: response regulator/hd domain protein; PDBTitle: crystal structure of signal receiver domain of hd domain-containing2 protein from pseudomonas fluorescens pf-5
82	c3crnA_	Alignment	not modelled	99.8	26	PDB header: signaling protein Chain: A: PDB Molecule: response regulator receiver domain protein, chey-like; PDBTitle: crystal structure of response regulator receiver domain protein (chey-2 like) from methanospirillum hungatei jf-1
83	c2qr3A_	Alignment	not modelled	99.8	24	PDB header: transcription Chain: A: PDB Molecule: two-component system response regulator; PDBTitle: crystal structure of the n-terminal signal receiver domain of two-2 component system response regulator from bacteroides fragilis
84	c3jteA_	Alignment	not modelled	99.8	23	PDB header: protein binding Chain: A: PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator receiver domain protein from2 clostridium thermocellum
85	c3cg4A_	Alignment	not modelled	99.8	29	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: response regulator receiver domain protein (chey-like); PDBTitle: crystal structure of response regulator receiver domain protein (chey-2 like) from methanospirillum hungatei jf-1
86	c2zayA_	Alignment	not modelled	99.8	25	PDB header: signaling protein Chain: A: PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator from desulfuromonas2 acetoxidans
87	c3cg0A_	Alignment	not modelled	99.8	26	PDB header: lyase Chain: A: PDB Molecule: response regulator receiver modulated diguanylate cyclase PDBTitle: crystal structure of signal receiver domain of modulated diguanylate2 cyclase from desulfovibrio desulfuricans g20, an example of alternate3 folding
88	d1u0sy_	Alignment	not modelled	99.8	32	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
89	c4ixaA_	Alignment	not modelled	99.8	36	PDB header: transcription Chain: A: PDB Molecule: response regulator saer; PDBTitle: structure of dna-binding domain of the response regulator saer from2 staphylococcus epidermidis
90	c4uhtA_	Alignment	not modelled	99.8	26	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein cpxr; PDBTitle: crystal structure of the dna binding domain of cpxr from e. coli
91	d1dz3a_	Alignment	not modelled	99.8	27	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
92	c6ekhy_	Alignment	not modelled	99.8	25	PDB header: metal binding protein Chain: Y: PDB Molecule: chemotaxis protein chey; PDBTitle: crystal structure of activated chey from methanococcus maripaludis
93	c3b2nA_	Alignment	not modelled	99.8	22	PDB header: transcription Chain: A: PDB Molecule: uncharacterized protein q99uf4; PDBTitle: crystal structure of dna-binding response regulator, luxr family, from2 staphylococcus aureus
94	c3eulB_	Alignment	not modelled	99.8	26	PDB header: transcription Chain: B: PDB Molecule: possible nitrate/nitrite response transcriptional PDBTitle: structure of the signal receiver domain of the putative response2 regulator narl from mycobacterium tuberculosis
95	c3c3mA_	Alignment	not modelled	99.8	30	PDB header: signaling protein Chain: A: PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of the n-terminal domain of response regulator2 receiver protein from methanoculleus marisnigri jr1
96	c2hvwA_	Alignment	not modelled	99.8	46	PDB header: transcription Chain: A: PDB Molecule: dna-binding response regulator vicr; PDBTitle: crystal structure of an essential response regulator dna binding2 domain, vicrc in enterococcus faecalis, a member of the yycf3 subfamily.
97	d1mb3a_	Alignment	not modelled	99.8	29	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
98	c3kcnA_	Alignment	not modelled	99.8	26	PDB header: lyase Chain: A: PDB Molecule: adenylate cyclase homolog; PDBTitle: the crystal structure of adenylate cyclase from2 rhodopirellula baltica
99	c5lwkB_	Alignment	not modelled	99.8	28	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulatory protein; PDBTitle: maer response regulator bound to beryllium trifluoride
100	d1a2oa1	Alignment	not modelled	99.8	28	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
101	c3hdvB_	Alignment	not modelled	99.8	27	PDB header: transcription regulator Chain: B: PDB Molecule: response regulator; PDBTitle: crystal structure of response regulator receiver protein from2 pseudomonas putida
102	c3cu5B_	Alignment	not modelled	99.8	21	PDB header: transcription regulator Chain: B: PDB Molecule: two component transcriptional regulator, arac family; PDBTitle: crystal structure of a two component transcriptional regulator arac2 from clostridium phytofermentans isdg

103	c3f6cB	Alignment	not modelled	99.8	23	PDB header: dna binding protein Chain: B: PDB Molecule: positive transcription regulator evga; PDBTitle: crystal structure of n-terminal domain of positive transcription2 regulator evga from escherichia coli
104	c3t8yA	Alignment	not modelled	99.8	28	PDB header: hydrolase Chain: A: PDB Molecule: chemotaxis response regulator protein-glutamate PDBTitle: crystal structure of the response regulator domain of thermotoga2 maritima cheb
105	d1a04a2	Alignment	not modelled	99.8	29	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
106	c3hdgE	Alignment	not modelled	99.8	20	PDB header: structural genomics, unknown function Chain: E: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of the n-terminal domain of an2 uncharacterized protein (ws1339) from wolinnella3 succinogenes
107	c5wq0C	Alignment	not modelled	99.8	25	PDB header: signaling protein Chain: C: PDB Molecule: stage 0 sporulation protein; PDBTitle: receiver domain of spo0a from paenisporosarcina sp. tg-14
108	c2mswA	Alignment	not modelled	99.8	19	PDB header: transferase Chain: A: PDB Molecule: response regulator/sensor histidine kinase; PDBTitle: ligand-induced folding of a receiver domain
109	d1heya	Alignment	not modelled	99.8	25	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
110	c3h1gA	Alignment	not modelled	99.8	31	PDB header: signaling protein Chain: A: PDB Molecule: chemotaxis protein chey homolog; PDBTitle: crystal structure of chey mutant t84a of helicobacter pylori
111	c3grcD	Alignment	not modelled	99.8	25	PDB header: transferase Chain: D: PDB Molecule: sensor protein, kinase; PDBTitle: crystal structure of a sensor protein from polaromonas sp.2 js666
112	c3cz5B	Alignment	not modelled	99.8	30	PDB header: transcription regulator Chain: B: PDB Molecule: two-component response regulator, luxr family; PDBTitle: crystal structure of two-component response regulator, luxr family,2 from aurantimonas sp. si85-9a1
113	c3khtA	Alignment	not modelled	99.8	26	PDB header: signaling protein Chain: A: PDB Molecule: response regulator; PDBTitle: crystal structure of response regulator from hahella chejuensis
114	c3a0rB	Alignment	not modelled	99.8	33	PDB header: transferase Chain: B: PDB Molecule: response regulator; PDBTitle: crystal structure of histidine kinase thka (tm1359) in complex with2 response regulator protein trra (tm1360)
115	c4e7pA	Alignment	not modelled	99.8	18	PDB header: transcription regulator Chain: A: PDB Molecule: response regulator; PDBTitle: crystal structure of receiver domain of putative narl family response2 regulator spr1814 from streptococcus pneumoniae in the presence of3 the phosphoryl analog beryllofluoride
116	c3zq7A	Alignment	not modelled	99.8	34	PDB header: transcription Chain: A: PDB Molecule: kdp operon transcriptional regulatory protein kdpe; PDBTitle: the structure of dna-binding domain of response regulator from2 escherichia coli k-12
117	c3cnbC	Alignment	not modelled	99.8	25	PDB header: dna binding protein Chain: C: PDB Molecule: dna-binding response regulator, merr family; PDBTitle: crystal structure of signal receiver domain of dna binding response2 regulator protein (merr) from colwellia psychrerythraea 34h
118	c2jzyA	Alignment	not modelled	99.8	35	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein pcor; PDBTitle: solution structure of c-terminal effector domain of2 putative two-component-system response regulator involved3 in copper resistance from klebsiella pneumoniae
119	d2r25b1	Alignment	not modelled	99.8	29	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
120	c2zxbB	Alignment	not modelled	99.8	43	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulatory protein walr; PDBTitle: crystal structure of yycf dna-binding domain from staphylococcus2 aureus