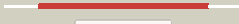



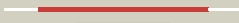



















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3765c_(-)_4211258_4211962
Date	Fri Aug 9 18:20:46 BST 2019
Unique Job ID	588f31ea37327d61

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1ys7B_	 Alignment		100.0	41	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulatory protein ppra; PDBTitle: crystal structure of the response regulator protein ppra complexed2 with mg2+
2	c3r0jA_	 Alignment		100.0	53	PDB header: dna binding protein Chain: A: PDB Molecule: possible two component system response transcriptional PDBTitle: structure of phop from mycobacterium tuberculosis
3	c4s05B_	 Alignment		100.0	33	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
4	c2oqrA_	 Alignment		100.0	41	PDB header: transcription,signaling protein Chain: A: PDB Molecule: sensory transduction protein regx3; PDBTitle: the structure of the response regulator regx3 from mycobacterium2 tuberculosis
5	c4kfcB_	 Alignment		100.0	31	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
6	c2gwrA_	 Alignment		100.0	38	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
7	c5u8mA_	 Alignment		100.0	31	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
8	c2hqrA_	 Alignment		100.0	22	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
9	c4b09F_	 Alignment		100.0	29	PDB header: transcription Chain: F: PDB Molecule: transcriptional regulatory protein baer; PDBTitle: structure of unphosphorylated baer dimer
10	c1kgsA_	 Alignment		100.0	38	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_	 Alignment		100.0	33	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	32	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	19	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	23	PDB header: transcription regulator Chain: A: PDB Molecule: response regulatory protein; PDBTitle: low resolution structure of response regulator styr
15	c5f64C_	Alignment		99.9	19	PDB header: transcription regulator Chain: C: PDB Molecule: positive transcription regulator evga; PDBTitle: putative positive transcription regulator (sensor evgs) from shigella2 flexneri
16	c2ayxA_	Alignment		99.9	27	PDB header: transferase Chain: A: PDB Molecule: sensor kinase protein rcsc; PDBTitle: solution structure of the e.coli rcsc c-terminus (residues2 700-949) containing linker region and phosphoreceiver3 domain
17	c4hyeB_	Alignment		99.9	25	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
18	c1rnlA_	Alignment		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
19	c2rv8A_	Alignment		99.9	48	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
20	c3c3wB_	Alignment		99.9	29	PDB header: transcription Chain: B: PDB Molecule: two component transcriptional regulatory protein devr; PDBTitle: crystal structure of the mycobacterium tuberculosis hypoxic response2 regulator dosr
21	c3eq2A_	Alignment	not modelled	99.9	25	PDB header: signaling protein Chain: A: PDB Molecule: probable two-component response regulator; PDBTitle: structure of hexagonal crystal form of pseudomonas aeruginosa rssb
22	c4if4A_	Alignment	not modelled	99.9	24	PDB header: transcription Chain: A: PDB Molecule: response regulator protein vvar; PDBTitle: crystal structure of the magnesium and beryll fluoride-activated vvar2 from staphylococcus aureus
23	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
24	c5hevC_	Alignment	not modelled	99.9	22	PDB header: transcription Chain: C: PDB Molecule: response regulator protein vvar; PDBTitle: crystal structure of the beryll fluoride-activated liar from2 enterococcus faecium
25	d1s8na_	Alignment	not modelled	99.9	24	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
26	c3rqjA_	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
27	c1w25B_	Alignment	not modelled	99.9	39	PDB header: signaling protein Chain: B: PDB Molecule: stalked-cell differentiation controlling protein; PDBTitle: response regulator pled in complex with c-digmp
28	c4qpjC_	Alignment	not modelled	99.9	36	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
29	d2ayxa1	Alignment	not modelled	99.9	27 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
30	c1ny5A	Alignment	not modelled	99.9	26 PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigm54 activator (aaa+ atpase) in the inactive2 state
31	d1jbea	Alignment	not modelled	99.9	32 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
32	d1ny5a1	Alignment	not modelled	99.9	26 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
33	c5uicA	Alignment	not modelled	99.9	41 PDB header: transcription Chain: A: PDB Molecule: two-component response regulator; PDBTitle: structure of the francisella response regulator receiver domain, qseb
34	c6od1A	Alignment	not modelled	99.9	22 PDB header: signaling protein Chain: A: PDB Molecule: regulator of rpos; PDBTitle: irad-bound to rssb d58p variant
35	c3w9sB	Alignment	not modelled	99.9	41 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
36	d1kgsa2	Alignment	not modelled	99.9	42 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
37	c3dzdA	Alignment	not modelled	99.9	26 PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigma54 activator ntrc4 in the inactive2 state
38	d1mvoa	Alignment	not modelled	99.9	45 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
39	d1ys7a2	Alignment	not modelled	99.9	45 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
40	d2pl1a1	Alignment	not modelled	99.9	40 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
41	c6ifhA	Alignment	not modelled	99.9	31 PDB header: transferase Chain: A: PDB Molecule: sporulation initiation phosphotransferase f; PDBTitle: unphosphorylated spo0f from paenisporosarcina sp. tg-14
42	c5ep0A	Alignment	not modelled	99.9	27 PDB header: transcription Chain: A: PDB Molecule: putative repressor protein luxo; PDBTitle: quorum-sensing signal integrator luxo - receiver+catalytic domains
43	c3cfyA	Alignment	not modelled	99.9	29 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
44	d1dbwa	Alignment	not modelled	99.9	26 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
45	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
46	d2a9pa1	Alignment	not modelled	99.9	41 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
47	d1krwa	Alignment	not modelled	99.9	32 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
48	c3i5aA	Alignment	not modelled	99.9	31 PDB header: signaling protein Chain: A: PDB Molecule: response regulator/ggdef domain protein; PDBTitle: crystal structure of full-length wpsr from pseudomonas syringae
49	c5t3yA	Alignment	not modelled	99.9	28 PDB header: signaling protein Chain: A: PDB Molecule: two-component system response regulator; PDBTitle: solution structure of response regulator protein from burkholderia2 multivorans
50	c2rjnA	Alignment	not modelled	99.9	20 PDB header: hydrolase Chain: A: PDB Molecule: response regulator receiver:metal-dependent PDBTitle: crystal structure of an uncharacterized protein q2bku2 from2 neptuniibacter caesariensis
51	c3to5A	Alignment	not modelled	99.9	32 PDB header: signaling protein Chain: A: PDB Molecule: chey homolog; PDBTitle: high resolution structure of chey3 from vibrio cholerae
52	c3eulB	Alignment	not modelled	99.9	30 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
53	d1qkka	Alignment	not modelled	99.9	23 Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
					PDB header: signaling protein

54	c5m7nA_	Alignment	not modelled	99.9	32	Chain: A: PDB Molecule: nitrogen assimilation regulatory protein; PDBTitle: crystal structure of ntrx from brucella abortus in complex with atp2 processed with the crystal direct automated mounting and cryo-cooling3 technology
55	c3hv2B_	Alignment	not modelled	99.9	23	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
56	c2zwmA_	Alignment	not modelled	99.9	43	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein yycf; PDBTitle: crystal structure of yycf receiver domain from bacillus2 subtilis
57	d1p6qa_	Alignment	not modelled	99.9	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
58	d1peya_	Alignment	not modelled	99.9	25	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
59	c3nhzA_	Alignment	not modelled	99.9	50	PDB header: dna binding protein Chain: A: PDB Molecule: two component system transcriptional regulator mtra; PDBTitle: structure of n-terminal domain of mtra
60	c2jrlA_	Alignment	not modelled	99.9	28	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: solution structure of the beryll fluoride-activated ntrc4 receiver2 domain dimer
61	c4lzIA_	Alignment	not modelled	99.9	25	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)
62	c5e3jB_	Alignment	not modelled	99.9	39	PDB header: transcription Chain: B: PDB Molecule: response regulator rsta; PDBTitle: the response regulator rsta is a potential drug target for2 acinetobacter baumannii
63	d1zgza1	Alignment	not modelled	99.9	35	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
64	d1w25a1	Alignment	not modelled	99.9	39	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
65	c2qzjC_	Alignment	not modelled	99.9	25	PDB header: transcription Chain: C: PDB Molecule: two-component response regulator; PDBTitle: crystal structure of a two-component response regulator from2 clostridium difficile
66	d1a04a2	Alignment	not modelled	99.9	27	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
67	c3t6kB_	Alignment	not modelled	99.9	36	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
68	c3hdgE_	Alignment	not modelled	99.9	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 wolinetella3 succinogenes
69	c4eukA_	Alignment	not modelled	99.9	25	PDB header: signaling protein Chain: A: PDB Molecule: histidine kinase 5; PDBTitle: crystal structure
70	c2qr3A_	Alignment	not modelled	99.9	26	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
71	d1zh2a1	Alignment	not modelled	99.9	37	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
72	d1heya_	Alignment	not modelled	99.9	30	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
73	c4h60A_	Alignment	not modelled	99.9	34	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
74	c3cu5B_	Alignment	not modelled	99.9	23	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
75	d1zesa1	Alignment	not modelled	99.9	43	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
76	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
77	c3gt7A_	Alignment	not modelled	99.8	28	PDB header: hydrolase Chain: A: PDB Molecule: sensor protein; PDBTitle: crystal structure of signal receiver domain of signal transduction2 histidine kinase from syntrophus aciditrophicus
78	d1u0sy_	Alignment	not modelled	99.8	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
						PDB header: transcription regulator Chain: A: PDB Molecule: response regulator;

79	c4e7pA	Alignment	not modelled	99.8	27	PDBTitle: crystal structure of receiver domain of putative narI family response2 regulator spr1814 from streptococcus pneumoniae in the presence of3 the phosphoryl analog berylliofluoride
80	c6ekhY	Alignment	not modelled	99.8	24	PDB header: metal binding protein Chain: Y; PDB Molecule: chemotaxis protein chey; PDBTitle: crystal structure of activated chey from methanococcus maripaludis
81	d1yioa2	Alignment	not modelled	99.8	25	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
82	c5kxbB	Alignment	not modelled	99.8	22	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
83	d1xhfa1	Alignment	not modelled	99.8	34	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
84	c4ixaA	Alignment	not modelled	99.8	30	PDB header: transcription Chain: A; PDB Molecule: response regulator saer; PDBTitle: structure of dna-binding domain of the response regulator saer from2 staphylococcus epidermidis
85	c6m8oA	Alignment	not modelled	99.8	23	PDB header: signaling protein Chain: A; PDB Molecule: dna-binding response regulator; PDBTitle: crystal structure of the receiver domain of lytr from staphylococcus2 aureus
86	d1dz3a	Alignment	not modelled	99.8	25	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
87	c3b2nA	Alignment	not modelled	99.8	24	PDB header: transcription Chain: A; PDB Molecule: uncharacterized protein q99uf4; PDBTitle: crystal structure of dna-binding response regulator, luxr family, from2 staphylococcus aureus
88	c3crnA	Alignment	not modelled	99.8	22	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
89	c2zayA	Alignment	not modelled	99.8	22	PDB header: signaling protein Chain: A; PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator from desulfuromonas2 acetoxidans
90	c3jteA	Alignment	not modelled	99.8	24	PDB header: protein binding Chain: A; PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator receiver domain protein from2 clostridium thermocellum
91	c3hzhA	Alignment	not modelled	99.8	24	PDB header: signaling protein Chain: A; PDB Molecule: chemotaxis response regulator (chey-3); PDBTitle: crystal structure of the chex-chey-bef3-mg+2 complex from2 borrelia burgdorferi
92	c3lteH	Alignment	not modelled	99.8	28	PDB header: transcription Chain: H; PDB Molecule: response regulator; PDBTitle: crystal structure of response regulator (signal receiver domain) from2 bermanella marisrubri
93	c5lwkB	Alignment	not modelled	99.8	26	PDB header: transcription Chain: B; PDB Molecule: transcriptional regulatory protein; PDBTitle: maer response regulator bound to beryllium trifluoride
94	c3cg4A	Alignment	not modelled	99.8	27	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
95	d1k66a	Alignment	not modelled	99.8	23	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
96	c5o8yG	Alignment	not modelled	99.8	18	PDB header: transcription Chain: G; PDB Molecule: transcriptional regulatory protein rcsb; PDBTitle: conformational dynamism for dna interaction in salmonella typhimurium2 rcsb response regulator.
97	c4uhtA	Alignment	not modelled	99.8	30	PDB header: transcription Chain: A; PDB Molecule: transcriptional regulatory protein cpxr; PDBTitle: crystal structure of the dna binding domain of cpxr from e. coli
98	c2qv0A	Alignment	not modelled	99.8	18	PDB header: transcription Chain: A; PDB Molecule: protein mrke; PDBTitle: crystal structure of the response regulatory domain of protein mrke2 from klebsiella pneumoniae
99	c1a2oB	Alignment	not modelled	99.8	33	PDB header: bacterial chemotaxis Chain: B; PDB Molecule: cheb methyltransferase; PDBTitle: structural basis for methyltransferase cheb regulation by a2 phosphorylation-activated domain
100	c3h1gA	Alignment	not modelled	99.8	27	PDB header: signaling protein Chain: A; PDB Molecule: chemotaxis protein chey homolog; PDBTitle: crystal structure of chey mutant t84a of helicobacter pylori
101	c4uhsA	Alignment	not modelled	99.8	40	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)
102	c5x5jA	Alignment	not modelled	99.8	38	PDB header: dna binding protein Chain: A; PDB Molecule: ader; PDBTitle: crystal structure of response regulator ader receiver domain
103	c4d6yA	Alignment	not modelled	99.8	31	PDB header: signaling protein Chain: A; PDB Molecule: bacterial regulatory, fis family protein; PDBTitle: crystal structure of the receiver domain of ntrx from2 brucella abortus in complex with berylliofluoride and3 magnesium
						PDB header: transcription regulator

104	c3cz5B_	Alignment	not modelled	99.8	25	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
105	c5briA_	Alignment	not modelled	99.8	30	PDB header: signaling protein Chain: A: PDB Molecule: candidate response regulator, chey; PDBTitle: bacteriophytochrome response regulator rtbrr
106	c2jzyA_	Alignment	not modelled	99.8	32	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
107	c2pmuD_	Alignment	not modelled	99.8	56	PDB header: transcription regulation Chain: D: PDB Molecule: response regulator phop; PDBTitle: crystal structure of the dna-binding domain of phop
108	c3cnbC_	Alignment	not modelled	99.8	21	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
109	c3c3mA_	Alignment	not modelled	99.8	28	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
110	d1gxqa_	Alignment	not modelled	99.8	34	Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: PhoB-like
111	d2b4aa1	Alignment	not modelled	99.8	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
112	d2r25b1	Alignment	not modelled	99.8	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
113	c2hqnA_	Alignment	not modelled	99.8	25	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
114	c5dclB_	Alignment	not modelled	99.8	22	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
115	c2qxyB_	Alignment	not modelled	99.8	29	PDB header: transcription Chain: B: PDB Molecule: response regulator; PDBTitle: crystal structure of a response regulator from thermotoga2 maritima
116	d1i3ca_	Alignment	not modelled	99.8	24	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
117	c3hebB_	Alignment	not modelled	99.8	30	PDB header: transcription regulator Chain: B: PDB Molecule: response regulator receiver domain protein (chey); PDBTitle: crystal structure of response regulator receiver domain from2 rhodospirillum rubrum
118	c5tqiA_	Alignment	not modelled	99.8	30	PDB header: signaling protein Chain: A: PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator receiver protein from2 burkholderia phymatum
119	c2hqaA_	Alignment	not modelled	99.8	23	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
120	c3t8yA_	Alignment	not modelled	99.8	23	PDB header: hydrolase Chain: A: PDB Molecule: chemotaxis response regulator protein-glutamate PDBTitle: crystal structure of the response regulator domain of thermotoga2 maritima cheb