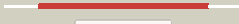



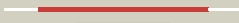



















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0491_(regX3)_580812_581495
Date	Fri Jul 26 01:50:03 BST 2019
Unique Job ID	44a979d430fb2df2

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2oqrA_	 Alignment		100.0	100	PDB header: transcription,signaling protein Chain: A: PDB Molecule: sensory transduction protein regx3; PDBTitle: the structure of the response regulator regx3 from mycobacterium2 tuberculosis
2	c4kfcB_	 Alignment		100.0	37	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
3	c1ys7B_	 Alignment		100.0	40	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulatory protein prra; PDBTitle: crystal structure of the response regulator protein prra complexed2 with mg2+
4	c4s05B_	 Alignment		100.0	35	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
5	c2gwrA_	 Alignment		100.0	49	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
6	c4b09F_	 Alignment		100.0	36	PDB header: transcription Chain: F: PDB Molecule: transcriptional regulatory protein baer; PDBTitle: structure of unphosphorylated baer dimer
7	c5u8mA_	 Alignment		100.0	30	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	c3r0jA_	 Alignment		100.0	40	PDB header: dna binding protein Chain: A: PDB Molecule: possible two component system response transcriptional PDBTitle: structure of phop from mycobacterium tuberculosis
9	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
10	c1p2fA_	 Alignment		100.0	32	PDB header: transcription Chain: A: PDB Molecule: response regulator; PDBTitle: crystal structure analysis of response regulator drrb, a thermotoga2 maritima ompr/phob homolog
11	c1kgsA_	 Alignment		100.0	37	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

12	c3q9sA_	Alignment		100.0	33	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		99.9	26	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 styr
15	c3c3wB_	Alignment		99.9	25	PDB header: transcription Chain: B; PDB Molecule: two component transcriptional regulatory protein devr; PDBTitle: crystal structure of the mycobacterium tuberculosis hypoxic response2 regulator dosr
16	c5f64C_	Alignment		99.9	23	PDB header: transcription regulator Chain: C; PDB Molecule: positive transcription regulator evga; PDBTitle: putative positive transcription regulator (sensor evgs) from shigella2 flexneri
17	d1s8na_	Alignment		99.9	22	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
18	c2ayxA_	Alignment		99.9	28	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
19	c5e3jB_	Alignment		99.9	47	PDB header: transcription Chain: B; PDB Molecule: response regulator rsta; PDBTitle: the response regulator rsta is a potential drug target for2 acinetobacter baumannii
20	c4hyeB_	Alignment		99.9	23	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
21	c5hevC_	Alignment	not modelled	99.9	23	PDB header: transcription Chain: C; PDB Molecule: response regulator protein vvar; PDBTitle: crystal structure of the berylliofluoride-activated liar from2 enterococcus faecium
22	c3eq2A_	Alignment	not modelled	99.9	28	PDB header: signaling protein Chain: A; PDB Molecule: probable two-component response regulator; PDBTitle: structure of hexagonal crystal form of pseudomonas aeruginosa rssb
23	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
24	d2a9pa1	Alignment	not modelled	99.9	53	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
25	c1w25B_	Alignment	not modelled	99.9	30	PDB header: signaling protein Chain: B; PDB Molecule: stalked-cell differentiation controlling protein; PDBTitle: response regulator pled in complex with c-digmp
26	c3nhzA_	Alignment	not modelled	99.9	53	PDB header: dna binding protein Chain: A; PDB Molecule: two component system transcriptional regulator mtra; PDBTitle: structure of n-terminal domain of mtra
27	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
28	c3breA_	Alignment	not modelled	99.9	28	PDB header: signaling protein Chain: A; PDB Molecule: probable two-component response regulator; PDBTitle: crystal structure of p.aeruginosa pa3702

29	c2zwmA_	Alignment	not modelled	99.9	53	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein yycf; PDBTitle: crystal structure of yycf receiver domain from bacillus2 subtilis
30	d1mvoa_	Alignment	not modelled	99.9	48	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
31	d1ys7a2	Alignment	not modelled	99.9	42	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
32	c5t3yA_	Alignment	not modelled	99.9	25	PDB header: signaling protein Chain: A: PDB Molecule: two-component system response regulator; PDBTitle: solution structure of response regulator protein from burkholderia2 multivorans
33	c2jr1A_	Alignment	not modelled	99.9	24	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: solution structure of the beryll fluoride-activated ntrc4 receiver2 domain dimer
34	d1zh2a1	Alignment	not modelled	99.8	40	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
35	c1rn1A_	Alignment	not modelled	99.8	23	PDB header: signal transduction protein Chain: A: PDB Molecule: nitrate/nitrite response regulator protein nar1; PDBTitle: the nitrate/nitrite response regulator protein nar1 from nar1
36	c4if4A_	Alignment	not modelled	99.8	21	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
37	c2qzjC_	Alignment	not modelled	99.8	24	PDB header: transcription Chain: C: PDB Molecule: two-component response regulator; PDBTitle: crystal structure of a two-component response regulator from2 clostridium difficile
38	c3i5aA_	Alignment	not modelled	99.8	27	PDB header: signaling protein Chain: A: PDB Molecule: response regulator/ggdef domain protein; PDBTitle: crystal structure of full-length wpsr from pseudomonas syringae
39	c2qr3A_	Alignment	not modelled	99.8	19	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
40	c3cfyA_	Alignment	not modelled	99.8	32	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
41	c5m7nA_	Alignment	not modelled	99.8	26	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 crystal direct automated mounting and cryo-cooling3 technology
42	c3w9sB_	Alignment	not modelled	99.8	36	PDB header: signaling protein/antimicrobial protein Chain: B: PDB Molecule: ompf family response regulator in two-component regulatory PDBTitle: crystal structure analysis of the n-terminal receiver domain of2 response regulator pmra
43	c6od1A_	Alignment	not modelled	99.8	23	PDB header: signaling protein Chain: A: PDB Molecule: regulator of rpos; PDBTitle: irad-bound to rsb d58p variant
44	c4qpjC_	Alignment	not modelled	99.8	40	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
45	c5ep0A_	Alignment	not modelled	99.8	29	PDB header: transcription Chain: A: PDB Molecule: putative repressor protein luxo; PDBTitle: quorum-sensing signal integrator luxo - receiver+catalytic domains
46	c5lwkB_	Alignment	not modelled	99.8	29	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulatory protein; PDBTitle: maer response regulator bound to beryllium trifluoride
47	c3crnA_	Alignment	not modelled	99.8	27	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
48	d2pl1a1	Alignment	not modelled	99.8	36	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
49	c3dzdA_	Alignment	not modelled	99.8	20	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigma54 activator ntrc4 in the inactive2 state
50	d1zgza1	Alignment	not modelled	99.8	40	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
51	c4q7eA_	Alignment	not modelled	99.8	26	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
52	c1ny5A_	Alignment	not modelled	99.8	28	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigm54 activator (aaa+ atpase) in the inactive2 state
						PDB header: transcription

53	c3rqjA	Alignment	not modelled	99.8	17	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
54	c5uicA	Alignment	not modelled	99.8	44	PDB header: transcription Chain: A: PDB Molecule: two-component response regulator; PDBTitle: structure of the francisella response regulator receiver domain, qseb
55	c5x5jA	Alignment	not modelled	99.8	41	PDB header: dna binding protein Chain: A: PDB Molecule: ader; PDBTitle: crystal structure of response regulator ader receiver domain
56	d1w25a1	Alignment	not modelled	99.8	41	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
57	c4eukA	Alignment	not modelled	99.8	21	PDB header: signaling protein Chain: A: PDB Molecule: histidine kinase 5; PDBTitle: crystal structure
58	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
59	d1xhfa1	Alignment	not modelled	99.8	38	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
60	d1kgsa2	Alignment	not modelled	99.8	41	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
61	c3b2nA	Alignment	not modelled	99.8	28	PDB header: transcription Chain: A: PDB Molecule: uncharacterized protein q99uf4; PDBTitle: crystal structure of dna-binding response regulator, luxr family, from2 staphylococcus aureus
62	c3c3mA	Alignment	not modelled	99.8	23	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
63	c5briA	Alignment	not modelled	99.8	31	PDB header: signaling protein Chain: A: PDB Molecule: candidate response regulator, chey; PDBTitle: bacteriophytochrome response regulator rtbr
64	d1ny5a1	Alignment	not modelled	99.8	27	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
65	c3gt7A	Alignment	not modelled	99.8	30	PDB header: hydrolase Chain: A: PDB Molecule: sensor protein; PDBTitle: crystal structure of signal receiver domain of signal transduction2 histidine kinase from syntrophus aciditrophicus
66	c6ekhY	Alignment	not modelled	99.8	20	PDB header: metal binding protein Chain: Y: PDB Molecule: chemotaxis protein chey; PDBTitle: crystal structure of activated chey from methanococcus maripaludis
67	d2ayxa1	Alignment	not modelled	99.8	27	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
68	d1zesa1	Alignment	not modelled	99.8	45	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
69	d1qkka	Alignment	not modelled	99.8	27	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
70	d1peya	Alignment	not modelled	99.8	28	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
71	c4lzlA	Alignment	not modelled	99.8	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)
72	c4uhsA	Alignment	not modelled	99.8	48	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)
73	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
74	d1krwa	Alignment	not modelled	99.8	30	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
75	d1dbwa	Alignment	not modelled	99.8	29	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
76	c2rjnA	Alignment	not modelled	99.8	17	PDB header: hydrolase Chain: A: PDB Molecule: response regulator receiver:metal-dependent PDBTitle: crystal structure of an uncharacterized protein q2bku2 from2 neptuniibacter caesariensis
77	c2rv8A	Alignment	not modelled	99.8	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
78	c2zayA	Alignment	not modelled	99.8	24	PDB header: signaling protein Chain: A: PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator from desulfuromonas2 acetoxidans

79	c3q9vB_	Alignment	not modelled	99.8	33	PDB header: dna binding protein Chain: B: PDB Molecule: dna-binding response regulator; PDBTitle: crystal structure of rra c-terminal domain(123-221) from deinococcus2 radiodurans
80	c3lteH_	Alignment	not modelled	99.8	26	PDB header: transcription Chain: H: PDB Molecule: response regulator; PDBTitle: crystal structure of response regulator (signal receiver domain) from2 bermanella marisrubri
81	c3t8yA_	Alignment	not modelled	99.8	24	PDB header: hydrolase Chain: A: PDB Molecule: chemotaxis response regulator protein-glutamate PDBTitle: crystal structure of the response regulator domain of thermotoga2 maritima cheb
82	d1p6qa_	Alignment	not modelled	99.8	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
83	c3t6kB_	Alignment	not modelled	99.8	34	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
84	d1yioa2	Alignment	not modelled	99.8	28	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
85	c3cg4A_	Alignment	not modelled	99.8	23	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	c5dcB_	Alignment	not modelled	99.8	29	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
87	d1jbea_	Alignment	not modelled	99.8	30	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
88	c3hv2B_	Alignment	not modelled	99.8	22	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
89	c5kxbB_	Alignment	not modelled	99.8	32	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
90	c5tqjA_	Alignment	not modelled	99.8	32	PDB header: signaling protein Chain: A: PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator receiver protein from2 burkholderia phymatum
91	d1k66a_	Alignment	not modelled	99.8	24	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
92	d1u0sy_	Alignment	not modelled	99.8	25	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
93	c3to5A_	Alignment	not modelled	99.8	30	PDB header: signaling protein Chain: A: PDB Molecule: chey homolog; PDBTitle: high resolution structure of chey3 from vibrio cholerae
94	c4ixaA_	Alignment	not modelled	99.8	37	PDB header: transcription Chain: A: PDB Molecule: response regulator saer; PDBTitle: structure of dna-binding domain of the response regulator saer from2 staphylococcus epidermidis
95	c1a2oB_	Alignment	not modelled	99.8	29	PDB header: bacterial chemotaxis Chain: B: PDB Molecule: cheb methyltransferase; PDBTitle: structural basis for methyltransferase cheb regulation by a2 phosphorylation-activated domain
96	c3hdqE_	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 wolinella3 succinogenes
97	c2mswA_	Alignment	not modelled	99.8	22	PDB header: transferase Chain: A: PDB Molecule: response regulator/sensor histidine kinase; PDBTitle: ligand-induced folding of a receiver domain
98	d1dz3a_	Alignment	not modelled	99.8	28	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
99	c3i42A_	Alignment	not modelled	99.8	31	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: response regulator receiver domain protein (chey-like); PDBTitle: structure of response regulator receiver domain (chey-like) from2 methylobacillus flagellatus
100	c3cu5B_	Alignment	not modelled	99.8	20	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
101	c2zxB_	Alignment	not modelled	99.8	40	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulatory protein walr; PDBTitle: crystal structure of yycf dna-binding domain from staphylococcus2 aureus
102	c3cnbC_	Alignment	not modelled	99.8	26	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

103	c3h1gA_	Alignment	not modelled	99.8	26	PDB header: signaling protein Chain: A: PDB Molecule: chemotaxis protein chey homolog; PDBTitle: crystal structure of chey mutant t84a of helicobacter pylori
104	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
105	c4uhtA_	Alignment	not modelled	99.8	28	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein cpvx; PDBTitle: crystal structure of the dna binding domain of cpvx from e. coli
106	c3khtA_	Alignment	not modelled	99.8	25	PDB header: signaling protein Chain: A: PDB Molecule: response regulator; PDBTitle: crystal structure of response regulator from hahella chejuensis
107	c3kcnA_	Alignment	not modelled	99.8	24	PDB header: lyase Chain: A: PDB Molecule: adenylate cyclase homolog; PDBTitle: the crystal structure of adenylyl cyclase from2 rhodospirillum rubrum
108	c3zq7A_	Alignment	not modelled	99.8	35	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
109	c5brjA_	Alignment	not modelled	99.8	28	PDB header: signaling protein Chain: A: PDB Molecule: two component response regulator; PDBTitle: structure of the bacteriophytochrome response regulator atbr
110	d1a04a2	Alignment	not modelled	99.8	22	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
111	c5o8yG_	Alignment	not modelled	99.8	17	PDB header: transcription Chain: G: PDB Molecule: transcriptional regulatory protein rcsb; PDBTitle: conformational dynamism for dna interaction in salmonella typhimurium2 rcsb response regulator.
112	c3a0rB_	Alignment	not modelled	99.8	30	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)
113	d1heya_	Alignment	not modelled	99.8	29	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
114	c5wq0C_	Alignment	not modelled	99.8	29	PDB header: signaling protein Chain: C: PDB Molecule: stage 0 sporulation protein; PDBTitle: receiver domain of spo0a from paenisporsarcina sp. tg-14
115	c2k4jA_	Alignment	not modelled	99.8	31	PDB header: transcription Chain: A: PDB Molecule: putative transcriptional regulator; PDBTitle: arsr dna binding domain
116	d1mb3a_	Alignment	not modelled	99.8	32	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
117	c3eulB_	Alignment	not modelled	99.8	23	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
118	c4e7pA_	Alignment	not modelled	99.8	25	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 beryllifluoride
119	c3grcD_	Alignment	not modelled	99.8	24	PDB header: transferase Chain: D: PDB Molecule: sensor protein, kinase; PDBTitle: crystal structure of a sensor protein from polaromonas sp.2 js666
120	c3n0rA_	Alignment	not modelled	99.8	34	PDB header: signaling protein Chain: A: PDB Molecule: response regulator; PDBTitle: structure of the phyr stress response regulator at 1.25 angstrom2 resolution