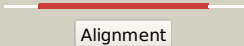
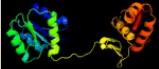
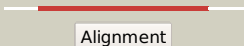

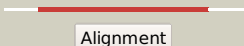


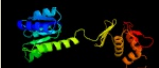



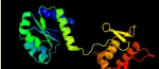
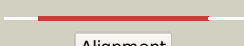




















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1027c_(kdpE)_1148431_1149111
Date	Wed Jul 31 22:05:10 BST 2019
Unique Job ID	7b0bbb2f2e5a7651

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4kfcB_	 Alignment		100.0	49	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	c2oqrA_	 Alignment		100.0	39	PDB header: transcription,signaling protein Chain: A: PDB Molecule: sensory transduction protein regx3; PDBTitle: the structure of the response regulator regx3 from mycobacterium2 tuberculosis
3	c1ys7B_	 Alignment		100.0	39	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	31	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	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
6	c5u8mA_	 Alignment		100.0	25	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
7	c4b09F_	 Alignment		100.0	27	PDB header: transcription Chain: F: PDB Molecule: transcriptional regulatory protein baer; PDBTitle: structure of unphosphorylated baer dimer
8	c3r0jA_	 Alignment		100.0	38	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	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_	 Alignment		100.0	32	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	38	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	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	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	24	PDB header: transcription regulator Chain: C: PDB Molecule: positive transcription regulator evga; PDBTitle: putative positive transcription regulator (sensor evgs) from shigella2 flexneri
16	c5e3jB_	Alignment		99.9	35	PDB header: transcription Chain: B: PDB Molecule: response regulator rsta; PDBTitle: the response regulator rsta is a potential drug target for2 acinetobacter baumannii
17	c2ayxA_	Alignment		99.9	31	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
18	c3c3wB_	Alignment		99.9	23	PDB header: transcription Chain: B: PDB Molecule: two component transcriptional regulatory protein devr; PDBTitle: crystal structure of the mycobacterium tuberculosis hypoxic response2 regulator dosr
19	c3eq2A_	Alignment		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
20	d1s8na_	Alignment		99.9	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
21	c6iffA_	Alignment	not modelled	99.9	32	PDB header: transferase Chain: A: PDB Molecule: sporulation initiation phosphotransferase f; PDBTitle: unphosphorylated spo0f from paenisporosarcina sp. tg-14
22	c3breA_	Alignment	not modelled	99.9	34	PDB header: signaling protein Chain: A: PDB Molecule: probable two-component response regulator; PDBTitle: crystal structure of p.aeruginosa pa3702
23	c1w25B_	Alignment	not modelled	99.9	35	PDB header: signaling protein Chain: B: PDB Molecule: stalked-cell differentiation controlling protein; PDBTitle: response regulator pled in complex with c-digmp
24	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
25	d2a9pa1	Alignment	not modelled	99.9	43	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
26	c3nhzA_	Alignment	not modelled	99.9	43	PDB header: dna binding protein Chain: A: PDB Molecule: two component system transcriptional regulator mtra; PDBTitle: structure of n-terminal domain of mtra
27	d1zh2a1	Alignment	not modelled	99.9	54	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
28	c2zwmA_	Alignment	not modelled	99.9	42	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein yycf; PDBTitle: crystal structure of yycf receiver domain from bacillus2 subtilis
						PDB header: transcription

29	c5hevC_	Alignment	not modelled	99.9	23	Chain: C; PDB Molecule: response regulator protein vvar; PDBTitle: crystal structure of the berylliofluoride-activated liar from2 enterococcus faecium
30	c2iriA_	Alignment	not modelled	99.9	30	PDB header: transcription Chain: A; PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: solution structure of the berylliofluoride-activated ntrc4 receiver2 domain dimer
31	c2qziC_	Alignment	not modelled	99.9	24	PDB header: transcription Chain: C; PDB Molecule: two-component response regulator; PDBTitle: crystal structure of a two-component response regulator from2 clostridium difficile
32	c4hyeB_	Alignment	not modelled	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
33	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
34	c6od1A_	Alignment	not modelled	99.9	28	PDB header: signaling protein Chain: A; PDB Molecule: regulator of rpos; PDBTitle: irad-bound to rssb d58p variant
35	c3i5aA_	Alignment	not modelled	99.9	32	PDB header: signaling protein Chain: A; PDB Molecule: response regulator/ggdef domain protein; PDBTitle: crystal structure of full-length wpsr from pseudomonas syringae
36	c5t3yA_	Alignment	not modelled	99.9	26	PDB header: signaling protein Chain: A; PDB Molecule: two-component system response regulator; PDBTitle: solution structure of response regulator protein from burkholderia2 multivorans
37	c4q7eA_	Alignment	not modelled	99.9	27	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
38	d1mvoa_	Alignment	not modelled	99.9	46	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
39	c3cfyA_	Alignment	not modelled	99.9	26	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
40	c3jteA_	Alignment	not modelled	99.9	33	PDB header: protein binding Chain: A; PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator receiver domain protein from2 clostridium thermocellum
41	c3w9sB_	Alignment	not modelled	99.9	40	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
42	d1ys7a2	Alignment	not modelled	99.9	45	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
43	d1w25a1	Alignment	not modelled	99.9	35	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
44	c3c3mA_	Alignment	not modelled	99.9	27	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
45	c3rqjA_	Alignment	not modelled	99.9	27	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
46	c5m7nA_	Alignment	not modelled	99.9	28	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
47	c4qpiC_	Alignment	not modelled	99.9	41	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
48	c3crnA_	Alignment	not modelled	99.9	23	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
49	c5lwkB_	Alignment	not modelled	99.9	30	PDB header: transcription Chain: B; PDB Molecule: transcriptional regulatory protein; PDBTitle: maer response regulator bound to beryllium trifluoride
50	c5ep0A_	Alignment	not modelled	99.9	29	PDB header: transcription Chain: A; PDB Molecule: putative repressor protein luxo; PDBTitle: quorum-sensing signal integrator luxo - receiver+catalytic domains
51	c3dzdA_	Alignment	not modelled	99.9	27	PDB header: transcription regulator Chain: A; PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigma54 activator ntrc4 in the inactive2 state
52	d2pl1a1	Alignment	not modelled	99.9	42	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
						PDB header: transcription

53	c1ny5A_	Alignment	not modelled	99.9	31	Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigm54 activator (aaa+ atpase) in the inactive2 state
54	d1zga1	Alignment	not modelled	99.9	32	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
55	d1ny5a1	Alignment	not modelled	99.9	31	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
56	c3gt7A_	Alignment	not modelled	99.9	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
57	c5uicA_	Alignment	not modelled	99.9	36	PDB header: transcription Chain: A: PDB Molecule: two-component response regulator; PDBTitle: structure of the francisella response regulator receiver domain, qseb
58	c4lzlA_	Alignment	not modelled	99.9	23	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)
59	c5x5jA_	Alignment	not modelled	99.9	39	PDB header: dna binding protein Chain: A: PDB Molecule: ader; PDBTitle: crystal structure of response regulator ader receiver domain
60	d1xhfa1	Alignment	not modelled	99.9	32	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
61	c3b2nA_	Alignment	not modelled	99.9	24	PDB header: transcription Chain: A: PDB Molecule: uncharacterized protein q99uf4; PDBTitle: crystal structure of dna-binding response regulator, luxr family, from2 staphylococcus aureus
62	c4eukA_	Alignment	not modelled	99.9	19	PDB header: signaling protein Chain: A: PDB Molecule: histidine kinase 5; PDBTitle: crystal structure
63	c6ekhY_	Alignment	not modelled	99.9	22	PDB header: metal binding protein Chain: Y: PDB Molecule: chemotaxis protein chey; PDBTitle: crystal structure of activated chey from methanococcus maripaludis
64	c4if4A_	Alignment	not modelled	99.9	23	PDB header: transcription Chain: A: PDB Molecule: response regulator protein vvar; PDBTitle: crystal structure of the magnesium and beryllofluoride-activated vvar2 from staphylococcus aureus
65	c3cg0A_	Alignment	not modelled	99.9	24	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
66	c4uhsA_	Alignment	not modelled	99.9	39	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein cpvx; PDBTitle: crystal structure of the receiver domain of cpvx from e. coli2 (tetragonal form)
67	d1dbwa_	Alignment	not modelled	99.9	31	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
68	c5briA_	Alignment	not modelled	99.9	30	PDB header: signaling protein Chain: A: PDB Molecule: candidate response regulator, chey; PDBTitle: bacteriophytochrome response regulator rtbrr
69	d1kgsa2	Alignment	not modelled	99.9	36	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
70	c5dcB_	Alignment	not modelled	99.8	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
71	d1peya_	Alignment	not modelled	99.8	28	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
72	d1krwa_	Alignment	not modelled	99.8	33	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
73	c1rn1A_	Alignment	not modelled	99.8	26	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
74	d1zesa1	Alignment	not modelled	99.8	39	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
75	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
76	d1qkka_	Alignment	not modelled	99.8	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
77	d2ayxa1	Alignment	not modelled	99.8	33	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
78	c2rjnA_	Alignment	not modelled	99.8	23	PDB header: hydrolase Chain: A: PDB Molecule: response regulator receiver:metal-dependent PDBTitle: crystal structure of an uncharacterized protein q2bku2 from2 heptuniibacter caesariensis

79	c3t8yA	Alignment	not modelled	99.8	30	PDB header: hydrolase Chain: A: PDB Molecule: chemotaxis response regulator protein-glutamate PDBTitle: crystal structure of the response regulator domain of thermotoga2 maritima cheb
80	d1jbea	Alignment	not modelled	99.8	29	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
81	c3hv2B	Alignment	not modelled	99.8	27	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	c3t6kB	Alignment	not modelled	99.8	32	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
83	d1p6qa	Alignment	not modelled	99.8	28	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
84	c2rv8A	Alignment	not modelled	99.8	23	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
85	c3cg4A	Alignment	not modelled	99.8	22	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	c5kxbB	Alignment	not modelled	99.8	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
87	c3lteH	Alignment	not modelled	99.8	33	PDB header: transcription Chain: H: PDB Molecule: response regulator; PDBTitle: crystal structure of response regulator (signal receiver domain) from2 bermanella marisrubri
88	d1yioa2	Alignment	not modelled	99.8	27	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
89	d1u0sy	Alignment	not modelled	99.8	32	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
90	c1a2oB	Alignment	not modelled	99.8	32	PDB header: bacterial chemotaxis Chain: B: PDB Molecule: cheb methyltransferase; PDBTitle: structural basis for methyltransferase cheb regulation by a2 phosphorylation-activated domain
91	c5tqjA	Alignment	not modelled	99.8	35	PDB header: signaling protein Chain: A: PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator receiver protein from2 burkholderia phymatum
92	c2mswA	Alignment	not modelled	99.8	26	PDB header: transferase Chain: A: PDB Molecule: response regulator/sensor histidine kinase; PDBTitle: ligand-induced folding of a receiver domain
93	d1k66a	Alignment	not modelled	99.8	22	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
94	c3cnbC	Alignment	not modelled	99.8	20	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
95	c3to5A	Alignment	not modelled	99.8	27	PDB header: signaling protein Chain: A: PDB Molecule: chey homolog; PDBTitle: high resolution structure of chey3 from vibrio cholerae
96	c3h1gA	Alignment	not modelled	99.8	28	PDB header: signaling protein Chain: A: PDB Molecule: chemotaxis protein chey homolog; PDBTitle: crystal structure of chey mutant t84a of helicobacter pylori
97	d1dz3a	Alignment	not modelled	99.8	26	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
98	c3hdgE	Alignment	not modelled	99.8	23	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
99	c5brjA	Alignment	not modelled	99.8	27	PDB header: signaling protein Chain: A: PDB Molecule: two component response regulator; PDBTitle: structure of the bacteriophytochrome response regulator atbrr
100	c3i42A	Alignment	not modelled	99.8	25	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
101	c3khtA	Alignment	not modelled	99.8	27	PDB header: signaling protein Chain: A: PDB Molecule: response regulator; PDBTitle: crystal structure of response regulator from hahella chejuensis
102	c3f6cB	Alignment	not modelled	99.8	27	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
						PDB header: transcription

103	c4uhtA_	Alignment	not modelled	99.8	30	Chain: A: PDB Molecule: transcriptional regulatory protein cpxr; PDBTitle: crystal structure of the dna binding domain of cpxr from e. coli
104	d2r25b1	Alignment	not modelled	99.8	21	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
105	c4g97A_	Alignment	not modelled	99.8	28	PDB header: signaling protein Chain: A: PDB Molecule: response regulator receiver; PDBTitle: crystal structure of the response regulator phyr from brucella abortus
106	c3cu5B_	Alignment	not modelled	99.8	26	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
107	c3cz5B_	Alignment	not modelled	99.8	28	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
108	d1a04a2	Alignment	not modelled	99.8	30	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
109	c5wq0C_	Alignment	not modelled	99.8	27	PDB header: signaling protein Chain: C: PDB Molecule: stage 0 sporulation protein; PDBTitle: receiver domain of spo0a from paenisporsarcina sp. tg-14
110	c3eulB_	Alignment	not modelled	99.8	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
111	c4ixaA_	Alignment	not modelled	99.8	28	PDB header: transcription Chain: A: PDB Molecule: response regulator saer; PDBTitle: structure of dna-binding domain of the response regulator saer from2 staphylococcus epidermidis
112	d1heya_	Alignment	not modelled	99.8	27	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
113	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 beryllofluoride
114	c4d6yA_	Alignment	not modelled	99.8	28	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 beryllofluoride and3 magnesium
115	c2zxjB_	Alignment	not modelled	99.8	31	PDB header: transcription Chain: B: PDB Molecule: transcriptional regulatory protein walr; PDBTitle: crystal structure of yycf dna-binding domain from staphylococcus2 aureus
116	c3kcnA_	Alignment	not modelled	99.8	23	PDB header: lyase Chain: A: PDB Molecule: adenylate cyclase homolog; PDBTitle: the crystal structure of adenylyate cyclase from2 rhodopirellula baltica
117	d1mb3a_	Alignment	not modelled	99.8	27	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
118	c3h5iA_	Alignment	not modelled	99.8	23	PDB header: transcription Chain: A: PDB Molecule: response regulator/sensory box protein/ggdef domain PDBTitle: crystal structure of the n-terminal domain of a response2 regulator/sensory box/ggdef 3-domain protein from carboxydotherrmus3 hydrogenoformans
119	c3gl9B_	Alignment	not modelled	99.8	35	PDB header: signaling protein Chain: B: PDB Molecule: response regulator; PDBTitle: the structure of a histidine kinase-response regulator2 complex sheds light into two-component signaling and3 reveals a novel cis autophosphorylation mechanism
120	c3a0rB_	Alignment	not modelled	99.8	35	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)