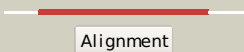

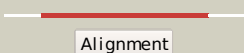

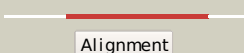

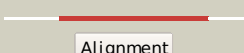



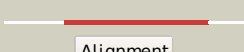

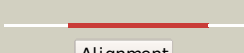

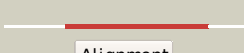







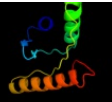










#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3pjwA_	 Alignment		100.0	12	PDB header: lyase Chain: A: PDB Molecule: cyclic dimeric gmp binding protein; PDBTitle: structure of pseudomonas fluorescence lapd ggdef-eal dual domain, i23
2	c3gfbB_	 Alignment		100.0	15	PDB header: hydrolase, signaling protein Chain: B: PDB Molecule: klebsiella pneumoniae blrp1; PDBTitle: klebsiella pneumoniae blrp1 ph 6 manganese/cy-digmp complex
3	c3hvbB_	 Alignment		100.0	11	PDB header: hydrolase Chain: B: PDB Molecule: protein fimx; PDBTitle: crystal structure of the dual-domain ggdef-eal module of2 fimx from pseudomonas aeruginosa
4	c3hvf9A_	 Alignment		100.0	11	PDB header: hydrolase Chain: A: PDB Molecule: protein fimx; PDBTitle: crystal structure of fimx eal domain from pseudomonas aeruginosa
5	c3s83A_	 Alignment		100.0	17	PDB header: signaling protein Chain: A: PDB Molecule: ggdef family protein; PDBTitle: crystal structure of eal domain from caulobacter crescentus cb15
6	c3pfmA_	 Alignment		100.0	16	PDB header: signaling protein Chain: A: PDB Molecule: ggdef domain protein; PDBTitle: crystal structure of a eal domain of ggdef domain protein from2 pseudomonas fluorescens pf
7	c2w27A_	 Alignment		100.0	16	PDB header: signaling protein Chain: A: PDB Molecule: ykui protein; PDBTitle: crystal structure of the bacillus subtilis ykui protein,2 with an eal domain, in complex with substrate c-di-gmp and3 calcium
8	c2r6oB_	 Alignment		100.0	24	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative diguanylate cyclase/phosphodiesterase (ggdef & eal) PDBTitle: crystal structure of putative diguanylate cyclase/phosphodiesterase2 from thiobacillus denitrificans
9	d2basa1	 Alignment		100.0	16	Fold: TIM beta/alpha-barrel Superfamily: EAL domain-like Family: EAL domain
10	c3kzpA_	 Alignment		100.0	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative diguanylate cyclase/phosphodiesterase; PDBTitle: crystal structure of putative diguanylate cyclase/phosphodiesterase2 from listeria monocytigenes
11	c1w25B_	 Alignment		99.0	13	PDB header: signaling protein Chain: B: PDB Molecule: stalked-cell differentiation controlling protein; PDBTitle: response regulator pled in complex with c-digmp

12	c3ezuA	Alignment		98.6	19	PDB header: signaling protein Chain: A: PDB Molecule: ggdef domain protein; PDBTitle: crystal structure of multidomain protein of unknown function with2 ggdef-domain (np_951600.1) from geobacter sulfurreducens at 1.95 a3 resolution
13	c3icla	Alignment		98.4	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: eal/ggdef domain protein; PDBTitle: x-ray structure of protein (eal/ggdef domain protein) from2 m.capsulatus, northeast structural genomics consortium3 target mcr174c
14	c3breA	Alignment		98.4	10	PDB header: signaling protein Chain: A: PDB Molecule: probable two-component response regulator; PDBTitle: crystal structure of p.aeruginosa pa3702
15	c3mtkA	Alignment		98.3	26	PDB header: transferase Chain: A: PDB Molecule: diguanylate cyclase/phosphodiesterase; PDBTitle: x-ray structure of diguanylate cyclase/phosphodiesterase from2 caldicellulosiruptor saccharolyticus, northeast structural genomics3 consortium target clr27c
16	d1w25a3	Alignment		98.2	11	Fold: Ferredoxin-like Superfamily: Nucleotide cyclase Family: GGDEF domain
17	c3hvaA	Alignment		98.2	10	PDB header: transferase Chain: A: PDB Molecule: protein fimx; PDBTitle: crystal structure of fimx ggdef domain from pseudomonas2 aeruginosa
18	c3i5aA	Alignment		98.1	11	PDB header: signaling protein Chain: A: PDB Molecule: response regulator/ggdef domain protein; PDBTitle: crystal structure of full-length wpsr from pseudomonas syringae
19	c3ignA	Alignment		98.1	10	PDB header: transferase Chain: A: PDB Molecule: diguanylate cyclase; PDBTitle: crystal structure of the ggdef domain from marinobacter2 aquaeolei diguanylate cyclase complexed with c-di-gmp -3 northeast structural genomics consortium target mqr89a
20	c3hvwA	Alignment		97.9	6	PDB header: lyase Chain: A: PDB Molecule: diguanylate-cyclase (dgc); PDBTitle: crystal structure of the ggdef domain of the pa2567 protein2 from pseudomonas aeruginosa, northeast structural genomics3 consortium target par365c
21	c3i5bA	Alignment	not modelled	97.6	13	PDB header: signaling protein Chain: A: PDB Molecule: wpsr response regulator; PDBTitle: crystal structure of the isolated ggdef domain of wpsr from2 pseudomonas aeruginosa
22	c3i5cA	Alignment	not modelled	97.5	10	PDB header: signaling protein Chain: A: PDB Molecule: fusion of general control protein gcn4 and wpsr response PDBTitle: crystal structure of a fusion protein containing the leucine zipper of2 gcn4 and the ggdef domain of wpsr from pseudomonas aeruginosa
23	c3qvyB	Alignment	not modelled	97.2	19	PDB header: signaling protein/inhibitor Chain: B: PDB Molecule: response regulator; PDBTitle: a novel interaction mode between a microbial ggdef domain and the bis-2 (3, 5)-cyclic di-gmp
24	d1mvoa	Alignment	not modelled	96.2	8	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
25	c3khtA	Alignment	not modelled	96.1	11	PDB header: signaling protein Chain: A: PDB Molecule: response regulator; PDBTitle: crystal structure of response regulator from hahella chejuensis
26	d1p6qa	Alignment	not modelled	95.6	9	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
27	d1zesa1	Alignment	not modelled	95.5	10	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
28	d1w25a1	Alignment	not modelled	95.5	12	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
						PDB header: signaling protein

29	c2zayA	Alignment	not modelled	95.3	14	Chain: A: PDB Molecule: response regulator receiver protein; PDBTitle: crystal structure of response regulator from desulfuromonas2 acetoxidans
30	d1krwa	Alignment	not modelled	94.7	14	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
31	d1jbea	Alignment	not modelled	94.7	15	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
32	c3q58A	Alignment	not modelled	94.7	18	PDB header: isomerase Chain: A: PDB Molecule: n-acetylmannosamine-6-phosphate 2-epimerase; PDBTitle: structure of n-acetylmannosamine-6-phosphate epimerase from salmonella2 enterica
33	d1heya	Alignment	not modelled	94.5	17	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
34	c3eulB	Alignment	not modelled	94.3	10	PDB header: transcription Chain: B: PDB Molecule: possible nitrate/nitrite response transcriptional PDBTitle: structure of the signal receiver domain of the putative2 response regulator narI from mycobacterium tuberculosis
35	c3gt7A	Alignment	not modelled	94.1	10	PDB header: hydrolase Chain: A: PDB Molecule: sensor protein; PDBTitle: crystal structure of signal receiver domain of signal2 transduction histidine kinase from syntrophus3 aciditrophicus
36	c3gl9B	Alignment	not modelled	94.1	11	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
37	c2jk1A	Alignment	not modelled	93.9	7	PDB header: dna-binding Chain: A: PDB Molecule: hydrogenase transcriptional regulatory protein hupr1; PDBTitle: crystal structure of the wild-type hupr receiver domain
38	d1dbwa	Alignment	not modelled	93.9	10	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
39	c3hebB	Alignment	not modelled	93.9	13	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
40	c2ayxA	Alignment	not modelled	93.6	14	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
41	d1yioa2	Alignment	not modelled	93.2	13	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
42	d1kgsa2	Alignment	not modelled	93.2	10	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
43	c3nhzA	Alignment	not modelled	93.1	12	PDB header: dna binding protein Chain: A: PDB Molecule: two component system transcriptional regulator mtra; PDBTitle: structure of n-terminal domain of mtra
44	d1ua7a2	Alignment	not modelled	93.1	14	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
45	c3crnA	Alignment	not modelled	93.0	10	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
46	d1xhfa1	Alignment	not modelled	92.8	8	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
47	c2p0aA	Alignment	not modelled	92.8	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein duf871; PDBTitle: crystal structure of a conserved protein from locus ef_2437 in2 enterococcus faecalis with an unknown function
48	d2pl1a1	Alignment	not modelled	92.8	8	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
49	c2zwmA	Alignment	not modelled	92.6	9	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulatory protein yycf; PDBTitle: crystal structure of yycf receiver domain from bacillus2 subtilis
50	c2rjnA	Alignment	not modelled	92.6	12	PDB header: hydrolase Chain: A: PDB Molecule: response regulator receiver:metal-dependent PDBTitle: crystal structure of an uncharacterized protein q2bku2 from2 neptuniibacter caesariensis
51	d1y0ea	Alignment	not modelled	92.6	11	Fold: TIM beta/alpha-barrel Superfamily: Ribulose-phoshate binding barrel Family: NanE-like
52	d1dz3a	Alignment	not modelled	92.6	10	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
53	d2a9pa1	Alignment	not modelled	92.5	10	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
						PDB header: transcription

54	c2qr3A_	Alignment	not modelled	92.5	14	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
55	d1zh2a1	Alignment	not modelled	92.3	9	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
56	c3cu5B_	Alignment	not modelled	92.3	11	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
57	d2ayxa1	Alignment	not modelled	92.2	14	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
58	d1zgza1	Alignment	not modelled	92.1	11	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
59	d1qkka_	Alignment	not modelled	92.1	15	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
60	c3cnbC_	Alignment	not modelled	92.1	16	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
61	d1ny5a1	Alignment	not modelled	91.9	14	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
62	d1ys7a2	Alignment	not modelled	91.9	14	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
63	c3edeB_	Alignment	not modelled	91.9	12	PDB header: hydrolase Chain: B: PDB Molecule: cyclomaltoextrinase; PDBTitle: structural base for cyclodextrin hydrolysis
64	d1kkoa1	Alignment	not modelled	91.5	10	Fold: TIM beta/alpha-barrel Superfamily: Enolase C-terminal domain-like Family: D-glucarate dehydratase-like
65	d1k66a_	Alignment	not modelled	91.1	14	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
66	d2r25b1	Alignment	not modelled	91.0	10	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
67	c3i42A_	Alignment	not modelled	90.9	9	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: response regulator receiver domain protein (chey- PDBTitle: structure of response regulator receiver domain (chey-like)2 from methylobacillus flagellatus
68	c2pz0B_	Alignment	not modelled	90.9	14	PDB header: hydrolase Chain: B: PDB Molecule: glycerophosphoryl diester phosphodiesterase; PDBTitle: crystal structure of glycerophosphodiester phosphodiesterase (gdpd)2 from t. tengcongensis
69	c1qhoA_	Alignment	not modelled	90.2	18	PDB header: hydrolase Chain: A: PDB Molecule: alpha-amylase; PDBTitle: five-domain alpha-amylase from bacillus stearothermophilus, 2 maltose/acarbose complex
70	d1gjwa2	Alignment	not modelled	90.1	19	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
71	d1a53a_	Alignment	not modelled	90.0	15	Fold: TIM beta/alpha-barrel Superfamily: Ribulose-phosphate binding barrel Family: Tryptophan biosynthesis enzymes
72	c2c3zA_	Alignment	not modelled	89.7	15	PDB header: lyase Chain: A: PDB Molecule: indole-3-glycerol phosphate synthase; PDBTitle: crystal structure of a truncated variant of indole-3-2 glycerol phosphate synthase from sulfobolus solfataricus
73	d1k68a_	Alignment	not modelled	89.6	7	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
74	c3rqia_	Alignment	not modelled	89.4	12	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 and 3 citrate
75	c3hv2B_	Alignment	not modelled	89.3	13	PDB header: signaling protein Chain: B: PDB Molecule: response regulator/hd domain protein; PDBTitle: crystal structure of signal receiver domain of hd domain-2 containing protein from pseudomonas fluorescens pf-5
76	d1u0sy_	Alignment	not modelled	89.2	13	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
77	d1a04a2	Alignment	not modelled	89.1	11	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
78	c3t6kB_	Alignment	not modelled	89.0	8	PDB header: signaling protein Chain: B: PDB Molecule: response regulator receiver; PDBTitle: crystal structure of a hypothetical response regulator (caur_3799)2 from chloroflexus aurantiacus j-10-fl at 1.86 a resolution

79	d1mb3a_	Alignment	not modelled	89.0	13	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
80	c3nhmA_	Alignment	not modelled	89.0	13	PDB header: signaling protein Chain: A: PDB Molecule: response regulator; PDBTitle: crystal structure of a response regulator from myxococcus xanthus
81	c3ucqA_	Alignment	not modelled	88.9	10	PDB header: transferase Chain: A: PDB Molecule: amylsucrase; PDBTitle: crystal structure of amylsucrase from deinococcus geothermalis
82	c2yxB_	Alignment	not modelled	88.8	8	PDB header: isomerase Chain: A: PDB Molecule: coenzyme b12-dependent mutase; PDBTitle: crystal structure of the methylmalonyl-coa mutase alpha-subunit from2 aeropyrum pernix
83	c1jdaA_	Alignment	not modelled	88.6	8	PDB header: hydrolase Chain: A: PDB Molecule: 1,4-alpha maltotetrahydrolase; PDBTitle: maltotetraose-forming exo-amylase
84	c3b2nA_	Alignment	not modelled	88.6	11	PDB header: transcription Chain: A: PDB Molecule: uncharacterized protein q99uf4; PDBTitle: crystal structure of dna-binding response regulator, luxr family, from2 staphylococcus aureus
85	c1gcyA_	Alignment	not modelled	88.4	10	PDB header: hydrolase Chain: A: PDB Molecule: glucan 1,4-alpha-maltotetrahydrolase; PDBTitle: high resolution crystal structure of maltotetraose-forming2 exo-amylase
86	c1bagA_	Alignment	not modelled	88.3	15	PDB header: alpha-amylase Chain: A: PDB Molecule: alpha-1,4-glucan-4-glucanohydrolase; PDBTitle: alpha-amylase from bacillus subtilis complexed with2 maltopentaose
87	d1gcya2	Alignment	not modelled	88.2	10	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
88	c3dzdA_	Alignment	not modelled	88.2	11	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigma54 activator ntrc4 in the inactive2 state
89	c3cfyA_	Alignment	not modelled	87.9	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative luxo repressor protein; PDBTitle: crystal structure of signal receiver domain of putative luxo2 repressor protein from vibrio parahaemolyticus
90	d1h3ga3	Alignment	not modelled	87.7	12	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
91	d1tz9a_	Alignment	not modelled	87.6	17	Fold: TIM beta/alpha-barrel Superfamily: Xylose isomerase-like Family: UxuA-like
92	c2jrlA_	Alignment	not modelled	87.5	13	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: solution structure of the beryllofluoride-activated ntrc4 receiver2 domain dimer
93	c3grcD_	Alignment	not modelled	86.9	6	PDB header: transferase Chain: D: PDB Molecule: sensor protein, kinase; PDBTitle: crystal structure of a sensor protein from polaromonas sp.2 js666
94	d2guya2	Alignment	not modelled	86.7	7	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
95	d1g5aa2	Alignment	not modelled	86.5	13	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
96	d1xrsb1	Alignment	not modelled	86.4	12	Fold: Flavodoxin-like Superfamily: Cobalamin (vitamin B12)-binding domain Family: Cobalamin (vitamin B12)-binding domain
97	d1i3ca_	Alignment	not modelled	86.4	11	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
98	c3t8yA_	Alignment	not modelled	86.3	12	PDB header: hydrolase Chain: A: PDB Molecule: chemotaxis response regulator protein-glutamate PDBTitle: crystal structure of the response regulator domain of thermotoga2 maritima cheb
99	c3bw2A_	Alignment	not modelled	85.8	15	PDB header: oxidoreductase Chain: A: PDB Molecule: 2-nitropropane dioxygenase; PDBTitle: crystal structures and site-directed mutagenesis study of nitroalkane2 oxidase from streptomyces ansochromogenes
100	c3gr7A_	Alignment	not modelled	85.8	14	PDB header: oxidoreductase Chain: A: PDB Molecule: nadph dehydrogenase; PDBTitle: structure of oye from geobacillus kaustophilus, hexagonal2 crystal form
101	d1peya_	Alignment	not modelled	85.6	11	Fold: Flavodoxin-like Superfamily: CheY-like Family: CheY-related
102	c1cygA_	Alignment	not modelled	85.5	12	PDB header: glycosyltransferase Chain: A: PDB Molecule: cyclodextrin glucanotransferase; PDBTitle: cyclodextrin glucanotransferase (e.c.2.4.1.19) (cgtase)
103	c3c3mA_	Alignment	not modelled	85.4	10	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
104	d1xi3a_	Alignment	not modelled	85.4	14	Fold: TIM beta/alpha-barrel Superfamily: Thiamin phosphate synthase Family: Thiamin phosphate synthase
						PDB header: isomerase Chain: B: PDB Molecule: n-acetylmannosamine-6-phosphate 2-

105	c3igsB_	Alignment	not modelled	85.4	12	epimerase 2; PDBTitle: structure of the salmonella enterica n-acetylmannosamine-6-phosphate2 2-epimerase PDB header: hydrolase Chain: A: PDB Molecule: sucrose hydrolase; PDBTitle: crystal structure analysis of sucrose hydrolase(suh) e322q-2 sucrose complex PDB header: transferase Chain: A: PDB Molecule: amylsucrase; PDBTitle: crystal structure of the active site mutant glu328gln of2 amylsucrase from neisseria polysaccharea in complex with3 the natural substrate sucrose PDB header: hydrolase Chain: A: PDB Molecule: neopullulanase; PDBTitle: complex of alpha-amylase ii (tva ii) from thermoactinomyces2 vulgaris r-47 with maltotetraose based on a crystal soaked3 with maltohexaose.
106	c3czkA_	Alignment	not modelled	85.0	8	PDB header: glycosyltransferase Chain: B: PDB Molecule: cyclodextrin glycosyltransferase; PDBTitle: cyclodextrin glycosyltransferase w616a mutant from bacillus2 circulans strain 251
107	c1jgiA_	Alignment	not modelled	84.6	13	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
108	c1jibA_	Alignment	not modelled	84.5	19	PDB header: transferase Chain: A: PDB Molecule: cyclomaltoedextrin glucanotransferase; PDBTitle: cyclodextrin glycosyl transferase from thermoanrobacterium2 thermosulfurigenes em1 mutant s77p complexed with a maltoheptaose3 inhibitor
109	c1tcmB_	Alignment	not modelled	84.3	11	Fold: TIM beta/alpha-barrel Superfamily: Ribulose-phoshate binding barrel Family: Tryptophan biosynthesis enzymes
110	d2aaaa2	Alignment	not modelled	84.0	8	PDB header: lyase Chain: B: PDB Molecule: d-mannonate dehydratase; PDBTitle: crystal structure of streptococcus suis mannonate2 dehydratase complexed with substrate analogue
111	c3bmwA_	Alignment	not modelled	83.5	11	PDB header: transcription regulator Chain: A: PDB Molecule: two component response regulator; PDBTitle: crystal structure of two component response regulator from cytophaga2 hutchinsonii
112	d1rd5a_	Alignment	not modelled	83.4	13	PDB header: hydrolase Chain: A: PDB Molecule: alpha amylase, catalytic region; PDBTitle: crystal structure of debranching enzyme from nostoc2 punctiforme (npde)
113	c3bdkB_	Alignment	not modelled	83.4	15	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
114	c3ilhA_	Alignment	not modelled	83.4	14	PDB header: transferase Chain: A: PDB Molecule: two-component sensor kinase; PDBTitle: nmr structure of the pseudo-receiver domain of the cika2 protein.
115	c2wcsA_	Alignment	not modelled	83.3	17	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
116	d1lwah2	Alignment	not modelled	83.2	10	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
117	c2j48A_	Alignment	not modelled	83.1	8	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
118	d1bf2a3	Alignment	not modelled	82.9	8	PDB header: transferase Chain: A: PDB Molecule: two-component sensor kinase; PDBTitle: nmr structure of the pseudo-receiver domain of the cika2 protein.
119	c3f6cB_	Alignment	not modelled	82.8	11	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
120	d1qhoa4	Alignment	not modelled	82.8	18	PDB header: transferase Chain: A: PDB Molecule: two-component sensor kinase; PDBTitle: nmr structure of the pseudo-receiver domain of the cika2 protein.