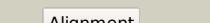
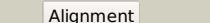
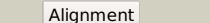
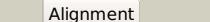
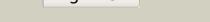
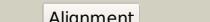


Phyre²

Email mdejesus@rockefeller.edu
 Description RVBD2185c_(TB16.3)_2447074_2447508
 Date Mon Aug 5 13:25:31 BST 2019
 Unique Job ID d8c603220cb18128

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2kf2A	 Alignment		99.9	20	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative polyketide cyclase; PDBTitle: solution nmr structure of streptomyces coelicolor polyketide cyclase sco5315. northeast structural genomics3 consortium target rr365
2	d2rera1	 Alignment		99.9	21	Fold: TBP-like Superfamily: Bet v1-like Family: oligoketide cyclase/dehydrase-like
3	c5z8oA	 Alignment		99.9	22	PDB header: unknown function Chain: A: PDB Molecule: cyclase/dehydrase; PDBTitle: structural of start superfamily protein msmeg_0129 from mycobacterium2 smegmatis
4	d1t17a	 Alignment		99.9	14	Fold: TBP-like Superfamily: Bet v1-like Family: oligoketide cyclase/dehydrase-like
5	d2d4ra1	 Alignment		99.9	24	Fold: TBP-like Superfamily: Bet v1-like Family: oligoketide cyclase/dehydrase-like
6	d2ns9a1	 Alignment		99.8	13	Fold: TBP-like Superfamily: Bet v1-like Family: CoxG-like
7	c3tfzB	 Alignment		99.8	16	PDB header: biosynthetic protein Chain: B: PDB Molecule: cyclase; PDBTitle: crystal structure of zhui aromatase/cyclase from streptomycetes sp.2 r1128
8	c3p9vA	 Alignment		99.8	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: high resolution crystal structure of protein maqu_3174 from2 marinobacter aquaeolei, northeast structural genomics consortium3 target mqr197
9	c4xrwA	 Alignment		99.8	21	PDB header: lyase Chain: A: PDB Molecule: bexl; PDBTitle: crystal structure of the di-domain aro/cyc bexl from the be-7585a2 biosynthetic pathway
10	d2pcsa1	 Alignment		99.8	16	Fold: TBP-like Superfamily: Bet v1-like Family: CoxG-like
11	c5woxA	 Alignment		99.8	22	PDB header: unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: nmr solution structure of kany protein (ms6282) using two 4d-spectra

12	c2le1A_		99.8	11	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution nmr structure of tfu_2981 from thermobifida fusca, northeast2 structural genomics consortium target tfr85a
13	d2b79a1		99.8	10	Fold: TBP-like Superfamily: Bet v1-like Family: Smu440-like
14	d3cnwa1		99.7	12	Fold: TBP-like Superfamily: Bet v1-like Family: Atu1531-like
15	c2m47A_		99.7	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein cgl2373; PDBTitle: solution nmr structure of the polyketide_cyc-like protein cgl2372 from2 corynebacterium glutamicum, northeast structural genomics consortium3 target cgr160
16	c4n0gC_		99.7	12	PDB header: hydrolase/receptor Chain: C: PDB Molecule: abscisic acid receptor pyl13; PDBTitle: crystal structure of pyl13-pp2ca complex
17	c4xrtB_		99.7	12	PDB header: lyase Chain: B: PDB Molecule: stfq aromatase/cyclase; PDBTitle: crystal structure of the di-domain aro/cyc stfq from the steffimycin2 biosynthetic pathway
18	c5vgIA_		99.6	9	PDB header: isomerase Chain: A: PDB Molecule: lachrymatory-factor synthase; PDBTitle: crystal structure of lachrymatory factor synthase from allium cepa
19	c3qtjA_		99.6	15	PDB header: hormone receptor Chain: A: PDB Molecule: abscisic acid receptor pyl10; PDBTitle: crystal strcuture of aba receptor pyl10 (apo)
20	c2kcza_		99.6	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein dr_a0006; PDBTitle: solution nmr structure of the c-terminal domain of protein2 dr_a0006 from deinococcus radiodurans. northeast3 structural genomics consortium target drr147d
21	c3p51A_		99.6	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: three-dimensional structure of protein q2y8n9_nitmu from nitrosospira2 multiformis, northeast structural genomics consortium target nmr118
22	c3oquB_		99.6	15	PDB header: hormone receptor Chain: B: PDB Molecule: abscisic acid receptor pyl9; PDBTitle: crystal structure of native abscisic acid receptor pyl9 with aba
23	c5e4bB_		99.6	13	PDB header: lyase Chain: B: PDB Molecule: hydroxynitrile lyase; PDBTitle: hydroxynitrile lyase from the fern davallia tyermanii in complex with2 (r)-mandelonitrile / benzaldehyde
24	c4oicA_		99.6	13	PDB header: hormone receptor/hydrolase Chain: A: PDB Molecule: bet v i allergen-like; PDBTitle: crystal structural of a soluble protein
25	c2leqA_		99.5	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: chemical shift assignment and solution structure of chr145 from2 cytophaga hutchinsonii, northeast structural genomics consortium3 target chr145
26	c2l8oA_		99.5	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of chr148 from cytophaga hutchinsonii, northeast2 structural genomics consortium target chr148
27	c2lghA_		99.5	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution nmr structure of the ahsa1-like protein aha_2358 from2 aeromonas hydrophila refined with nh rdcs, northeast structural3 genomics consortium target ahr99.
					PDB header: hormone receptor

28	c3klxB	Alignment	not modelled	99.5	13	Chain: B: PDB Molecule: f3n23.20 protein; PDBTitle: crystal structure of native abscisic acid receptor pyl3
29	c2lcgA	Alignment	not modelled	99.5	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution nmr structure of protein rmet_5065 from ralstonia2 metallidurans, northeast structural genomics consortium target crr115
30	c3k90C	Alignment	not modelled	99.5	12	PDB header: hormone receptor, hydrolase regulator Chain: C: PDB Molecule: putative uncharacterized protein; PDBTitle: the abscisic acid receptor pyr1 in complex with abscisic acid
31	c4r7kA	Alignment	not modelled	99.4	8	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein jhp0584; PDBTitle: 1.88 angstrom resolution crystal structure of hypothetical protein2 jhp0584 from helicobacter pylori.
32	d2qpva1	Alignment	not modelled	99.4	17	Fold: TBP-like Superfamily: Bet v1-like Family: Atu1531-like
33	c3qszB	Alignment	not modelled	99.4	18	PDB header: unknown function Chain: B: PDB Molecule: star-related lipid transfer protein; PDBTitle: crystal structure of the star-related lipid transfer protein (fragment2 25-204) from xanthomonas axonopodis at the resolution 2.4a, northeast3 structural genomics consortium target xar342
34	c2lf2A	Alignment	not modelled	99.4	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution nmr structure of the ahsa1-like protein chu_1110 from2 cytophaga hutchinsonii, northeast structural genomics consortium3 target chr152
35	c2l9pA	Alignment	not modelled	99.4	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution nmr structure of q5hl9 from staphylococcus epidermidis,2 northeast structural genomics consortium target ser147
36	d1z94a1	Alignment	not modelled	99.4	17	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
37	c4igyb	Alignment	not modelled	99.4	15	PDB header: allergen Chain: B: PDB Molecule: kirola; PDBTitle: crystal structure of kirola (act d 11) - triclinic form
38	c3uidA	Alignment	not modelled	99.4	12	PDB header: unknown function Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of protein ms6760 from mycobacterium smegmatis
39	d1xfsa	Alignment	not modelled	99.4	12	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
40	c3kdiA	Alignment	not modelled	99.4	15	PDB header: hormone receptor Chain: A: PDB Molecule: putative uncharacterized protein at2g26040; PDBTitle: structure of (+)-aba bound pyl2
41	c3pu2G	Alignment	not modelled	99.3	13	PDB header: structure genomics, unknown function Chain: G: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of the q3j4m4_rhos4 protein from rhodobacter2 sphaeroides. northeast structural genomics consortium target rhr263.
42	c2ldkA	Alignment	not modelled	99.3	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution nmr structure of protein aaur_3427 from arthrobacter2 aurescens, northeast structural genomics consortium target aar96
43	c3rd6A	Alignment	not modelled	99.3	19	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: mll3558 protein; PDBTitle: crystal structure of mll3558 protein from rhizobium loti. northeast2 structural genomics consortium target id mlr403
44	c2m89A	Alignment	not modelled	99.3	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: aha1 domain protein; PDBTitle: solution structure of the aha1 dimer from colwellia psychrerythraea
45	d1xuva	Alignment	not modelled	99.3	14	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
46	c3otIA	Alignment	not modelled	99.3	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: three-dimensional structure of the putative uncharacterized protein2 from rhizobium leguminosarum at the resolution 1.9a, northeast3 structural genomics consortium target rlr261
47	c5ujvA	Alignment	not modelled	99.3	13	PDB header: abscisic acid binding protein Chain: A: PDB Molecule: pyr1; PDBTitle: crystal structure of fepryl1 in complex with abscisic acid
48	c3q64A	Alignment	not modelled	99.3	14	PDB header: structure genomics, unknown function Chain: A: PDB Molecule: mll3774 protein; PDBTitle: x-ray crystal structure of protein mll3774 from mesorhizobium loti,2 northeast structural genomics consortium target mlr405.
49	c2vq5B	Alignment	not modelled	99.3	10	PDB header: lyase Chain: B: PDB Molecule: s-norcooclaurine synthase; PDBTitle: x-ray structure of norcooclaurine synthase from thalicticum2 flavum in complex with dopamine and hydroxybenzaldehyde
50	d1ifva	Alignment	not modelled	99.2	12	Fold: TBP-like Superfamily: Bet v1-like Family: Pathogenesis-related protein 10 (PR10)-like
51	d1xn5a	Alignment	not modelled	99.2	16	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
						PDB header: transport protein

52	c3p0IC	Alignment	not modelled	99.2	15	Chain: C: PDB Molecule: steroidogenic acute regulatory protein, mitochondrial; PDBTitle: human steroidogenic acute regulatory protein PDB header: structural genomics, unknown function Chain: F: PDB Molecule: mll2253 protein; PDBTitle: x-ray crystal structure of protein mll2253 from mesorhizobium loti,2 northeast structural genomics consortium target mlr404.
53	c3q63F	Alignment	not modelled	99.2	15	PDB header: plant protein Chain: C: PDB Molecule: cytokinin-specific binding protein; PDBTitle: crystal structure of cytokinin-specific binding protein in complex2 with cytokinin and ta6br12
54	c3c0vC	Alignment	not modelled	99.2	10	Fold: TBP-like Superfamily: Bet v1-like Family: Pathogenesis-related protein 10 (PR10)-like
55	d1icxa	Alignment	not modelled	99.2	14	PDB header: protein binding Chain: A: PDB Molecule: major latex-like protein; PDBTitle: crystal structure of ginseng major latex-like protein 151 (glp) from2 panax ginseng. (crystal-3)
56	c4rejA	Alignment	not modelled	99.1	10	PDB header: structure genomics, unknown function Chain: H: PDB Molecule: uncharacterized protein; PDBTitle: x-ray crystal structure of the protein ssp2350 from staphylococcus2 saprophyticus, northeast structural genomics consortium target syr116
57	c3q6aH	Alignment	not modelled	99.1	17	PDB header: structure genomics, unknown function Chain: A: PDB Molecule: ahsa1-like protein rhe_ch02687; PDBTitle: solution nmr structure of the ahsa1-like protein rhe_ch02687 (1-152) from rhizobium etli, northeast structural genomics consortium target3 rer242
58	c2lakA	Alignment	not modelled	99.1	15	PDB header: isomerase Chain: A: PDB Molecule: nucleoside-diphosphate sugar epimerase (SulA family); PDBTitle: crystal structure of the nucleoside-diphosphate sugar epimerase from2 corynebacterium glutamicum. northeast structural genomics consortium3 target cgr91
59	c3oh8A	Alignment	not modelled	99.1	13	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
60	d3elia1	Alignment	not modelled	99.1	9	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
61	d1xn6a	Alignment	not modelled	99.1	16	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
62	d2k5ga1	Alignment	not modelled	99.1	11	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
63	d2il5a1	Alignment	not modelled	99.1	12	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
64	d1e09a	Alignment	not modelled	99.1	17	Fold: TBP-like Superfamily: Bet v1-like Family: Pathogenesis-related protein 10 (PR10)-like
65	d1qmra	Alignment	not modelled	99.0	11	Fold: TBP-like Superfamily: Bet v1-like Family: Pathogenesis-related protein 10 (PR10)-like
66	c2i9yA	Alignment	not modelled	99.0	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: major latex protein-like protein 28 or mlp-like PDBTitle: solution structure of arabidopsis thaliana protein2 at1g70830, a member of the major latex protein family
67	d2bk0a1	Alignment	not modelled	99.0	9	Fold: TBP-like Superfamily: Bet v1-like Family: Pathogenesis-related protein 10 (PR10)-like
68	d1em2a	Alignment	not modelled	99.0	14	Fold: TBP-like Superfamily: Bet v1-like Family: STAR domain
69	c2k7hA	Alignment	not modelled	99.0	12	PDB header: allergen Chain: A: PDB Molecule: stress-induced protein sam22; PDBTitle: nmr solution structure of soybean allergen gly m 4
70	c2kewA	Alignment	not modelled	99.0	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein yndb; PDBTitle: the solution structure of bacillus subtilis sr211 start domain by nmr2 spectroscopy
71	c2r55B	Alignment	not modelled	99.0	12	PDB header: transport protein Chain: B: PDB Molecule: star-related lipid transfer protein 5; PDBTitle: human star-related lipid transfer protein 5
72	c2nn5A	Alignment	not modelled	99.0	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ef_2215; PDBTitle: structure of conserved protein of unknown function ef2215 from2 enterococcus faecalis
73	d1jssa	Alignment	not modelled	99.0	14	Fold: TBP-like Superfamily: Bet v1-like Family: STAR domain
74	c1jssB	Alignment	not modelled	99.0	14	PDB header: lipid binding protein Chain: B: PDB Molecule: cholesterol-regulated start protein 4; PDBTitle: crystal structure of the mus musculus cholesterol-regulated2 start protein 4 (stard4).
75	c6gg9A	Alignment	not modelled	99.0	16	PDB header: allergen Chain: A: PDB Molecule: major allergen cor a 1.0401; PDBTitle: solution structure of the hazel allergen cor a 1.0401
76	c3ie5A	Alignment	not modelled	99.0	13	PDB header: plant protein, biosynthetic protein Chain: A: PDB Molecule: phenolic oxidative coupling protein hyp-1; PDBTitle: crystal structure of hyp-1 protein from hypericum perforatum (st john's wort) involved in hypericin biosynthesis

77	d2nn5a1	Alignment	not modelled	99.0	14	Superfamily: Bet v1-like Family: AHSA1 domain
78	d1fm4a_	Alignment	not modelled	98.9	11	Fold: TBP-like Superfamily: Bet v1-like Family: Pathogenesis-related protein 10 (PR10)-like
79	d1xdfa1	Alignment	not modelled	98.9	12	Fold: TBP-like Superfamily: Bet v1-like Family: Pathogenesis-related protein 10 (PR10)-like
80	d1x53a1	Alignment	not modelled	98.9	14	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
81	c2mouA_	Alignment	not modelled	98.9	7	PDB header: transport protein Chain: A: PDB Molecule: star-related lipid transfer protein 6; PDBTitle: solution structure of star-related lipid transfer domain protein 62 (stard6)
82	c2e3rB_	Alignment	not modelled	98.9	11	PDB header: lipid transport Chain: B: PDB Molecule: lipid-transfer protein cert; PDBTitle: crystal structure of cert start domain in complex with c18-2 ceramide (p1)
83	c2luza_	Alignment	not modelled	98.8	21	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: calu16; PDBTitle: solution nmr structure of calu16 from micromonospora echinospora_2 northeast structural genomics consortium (nesg) target mir12
84	d1ln1a_	Alignment	not modelled	98.8	14	Fold: TBP-like Superfamily: Bet v1-like Family: STAR domain
85	d1txca1	Alignment	not modelled	98.7	14	Fold: TBP-like Superfamily: Bet v1-like Family: Pathogenesis-related protein 10 (PR10)-like
86	c3rwsA_	Alignment	not modelled	98.7	12	PDB header: plant protein Chain: A: PDB Molecule: mtn13 protein; PDBTitle: crystal structure of medicago truncatula nodulin 13 (mtn13) in complex2 with trans-zeatin
87	d1zxfa1	Alignment	not modelled	98.7	12	Fold: TBP-like Superfamily: Bet v1-like Family: AHSA1 domain
88	c3fo5A_	Alignment	not modelled	98.6	12	PDB header: lipid transport Chain: A: PDB Molecule: thioesterase, adipose associated, isoform bfit2; PDBTitle: human start domain of acyl-coenzyme a thioesterase 11 (acet11)
89	c3ni8A_	Alignment	not modelled	98.5	10	PDB header: unknown function Chain: A: PDB Molecule: pfc0360w protein; PDBTitle: crystal structure of pfc0360w, an hsp90 activator from plasmodium2 falciparum
90	c5z4ea_	Alignment	not modelled	98.3	11	PDB header: biosynthetic protein Chain: A: PDB Molecule: txn09; PDBTitle: an anthrahydroquino-gama-pyrone synthase txn09
91	d2psoa1	Alignment	not modelled	98.2	15	Fold: TBP-like Superfamily: Bet v1-like Family: STAR domain
92	c2psoc_	Alignment	not modelled	97.6	12	PDB header: structural genomics, unknown function Chain: C: PDB Molecule: star-related lipid transfer protein 13; PDBTitle: human stard13 (dlc2) lipid transfer and protein localization domain
93	d1vjha_	Alignment	not modelled	95.9	13	Fold: TBP-like Superfamily: Bet v1-like Family: Pathogenesis-related protein 10 (PR10)-like
94	d2ffsa1	Alignment	not modelled	93.2	10	Fold: TBP-like Superfamily: Bet v1-like Family: PA1206-like
95	c2ejxA_	Alignment	not modelled	85.5	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: stk_08120; PDBTitle: crystal structure of the hypothetical protein stk_08120 from 2 sulfolobus tokodaii
96	c3qrzC_	Alignment	not modelled	69.7	17	PDB header: hormone receptor Chain: C: PDB Molecule: abscisic acid receptor pyl5; PDBTitle: crystal structure of native abscisic acid receptor pyl5 at 2.62 angstrom
97	c5ys0A_	Alignment	not modelled	56.9	12	PDB header: transport protein Chain: A: PDB Molecule: membrane-anchored lipid-binding protein ysp2; PDBTitle: crystal structure of the second starkin domain of lam2 in complex with2 ergosterol
98	c2lafA_	Alignment	not modelled	47.1	5	PDB header: membrane protein Chain: A: PDB Molecule: lipoprotein 34; PDBTitle: nmr solution structure of the n-terminal domain of the e. coli2 lipoprotein bamc
99	c2lioA_	Alignment	not modelled	29.2	9	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution nmr structure of bfr322 from bacteroides fragilis, northeast2 structural genomics consortium target bfr322