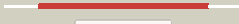



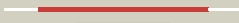





















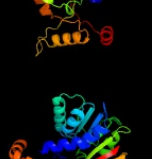
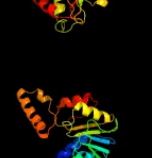

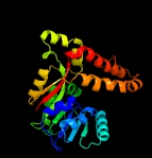
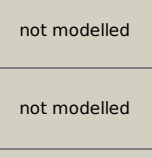


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0839_(-) _935580_936392
Date	Fri Jul 26 01:50:42 BST 2019
Unique Job ID	09b308a2db32a788

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3mggB_	 Alignment		100.0	20	PDB header: transferase Chain: B; PDB Molecule: methyltransferase; PDBTitle: crystal structure of methyl transferase from methanosarcina2 mazei
2	c4krhB_	 Alignment		100.0	18	PDB header: transferase Chain: B; PDB Molecule: phosphoethanolamine n-methyltransferase 2; PDBTitle: semet haemonchus contortus phosphoethanolamine n-methyltransferase 22 in complex with s-adenosyl-l-methionine
3	c4ineB_	 Alignment		100.0	16	PDB header: transferase Chain: B; PDB Molecule: protein pmt-2; PDBTitle: crystal structure of n-methyl transferase (pmt-2) from caenorhabditis2 elegant complexed with s-adenosyl homocysteine and3 phosphoethanolamine
4	c5wp5A_	 Alignment		100.0	21	PDB header: transferase Chain: A; PDB Molecule: phosphomethylethanolamine n-methyltransferase 2; PDBTitle: arabidopsis thaliana phosphoethanolamine n-methyltransferase 22 (atpmt2) in complex with sah
5	c5egpB_	 Alignment		100.0	15	PDB header: transferase Chain: B; PDB Molecule: ubie/coq5 family methyltransferase, putative; PDBTitle: crystal structure of the s-methyltransferase tmta
6	c5w7kA_	 Alignment		100.0	16	PDB header: transferase Chain: A; PDB Molecule: oxag; PDBTitle: crystal structure of oxag
7	d2o57a1	 Alignment		100.0	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
8	d2gh1a1	 Alignment		100.0	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: BC2162-like
9	c3bkxB_	 Alignment		100.0	18	PDB header: transferase Chain: B; PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of cyclopropane-fatty-acyl-phospholipid synthase-2 like protein (yp_807781.1) from lactobacillus casei atcc 334 at 1.853 a resolution
10	c1vl5B_	 Alignment		100.0	18	PDB header: transferase Chain: B; PDB Molecule: unknown conserved protein bh2331; PDBTitle: crystal structure of a putative methyltransferase (bh2331) from2 bacillus halodurans c-125 at 1.95 a resolution
11	d1vl5a_	 Alignment		100.0	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: UbiE/COQ5-like

12	c3e7pA_	Alignment		99.9	17	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of of putative methyltransferase from bacteroides2 vulgatus atcc 8482
13	c2fk8A_	Alignment		99.9	13	PDB header: transferase Chain: A: PDB Molecule: methoxy mycolic acid synthase 4; PDBTitle: crystal structure of hma (mmaa4) from mycobacterium tuberculosis2 complexed with s-adenosylmethionine
14	d1nkva_	Alignment		99.9	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Hypothetical Protein Yjhp
15	d1jqea_	Alignment		99.9	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Histamine methyltransferase
16	d1xxla_	Alignment		99.9	21	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: UbiE/COQ5-like
17	c3busB_	Alignment		99.9	27	PDB header: transferase Chain: B: PDB Molecule: methyltransferase; PDBTitle: crystal structure of rebm
18	c3vc2J_	Alignment		99.9	17	PDB header: transferase Chain: J: PDB Molecule: geranyl diphosphate 2-c-methyltransferase; PDBTitle: crystal structure of geranyl diphosphate c-methyltransferase from2 streptomyces coelicolor a3(2) in complex with mg2+, geranyl3 diphosphate, and s-adenosyl-l-homocysteine
19	c3ujcA_	Alignment		99.9	11	PDB header: transferase Chain: A: PDB Molecule: phosphoethanolamine n-methyltransferase; PDBTitle: phosphoethanolamine methyltransferase mutant (h132a) from plasmodium2 falciparum in complex with phosphocholine
20	c3f4kA_	Alignment		99.9	16	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of a probable methyltransferase from2 bacteroides thetaiotaomicron. northeast structural3 genomics target btr309.
21	c4pneA_	Alignment	not modelled	99.9	24	PDB header: biosynthetic protein Chain: A: PDB Molecule: methyltransferase-like protein; PDBTitle: crystal structure of the [4+2]-cyclase spnf
22	c2yr0A_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein ttha0223; PDBTitle: crystal structure of hypothetical methyltransferase ttha0223 from2 thermus thermophilus hb8
23	c4iv0B_	Alignment	not modelled	99.9	12	PDB header: transferase Chain: B: PDB Molecule: phosphoethanolamine n-methyltransferase, putative; PDBTitle: crystal structure of n-methyl transferase from plasmodium vivax2 complexed with s-adenosyl methionine and phosphate
24	c5gm2E_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: E: PDB Molecule: o-methyltransferase; PDBTitle: crystal structure of methyltransferase tled complexed with sah and2 teleocidin a1
25	c4p7cB_	Alignment	not modelled	99.9	24	PDB header: transferase Chain: B: PDB Molecule: trna (mo5u34)-methyltransferase; PDBTitle: crystal structure of putative methyltransferase from pseudomonas2 syringae pv. tomato
26	d2fk8a1	Alignment	not modelled	99.9	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
27	c3qnhA_	Alignment	not modelled	99.9	23	PDB header: transferase Chain: A: PDB Molecule: arsenic methyltransferase; PDBTitle: arsm arsenic(iii) s-adenosylmethionine methyltransferase with as(iii)
						PDB header: transferase Chain: B: PDB Molecule: cyclopropane-fatty-acyl-phospholipid

28	c3ccfB_	Alignment	not modelled	99.9	14	synthase; PDBTitle: crystal structure of putative methyltransferase (yp_321342.1) from <i>Anabaena variabilis</i> atcc 29413 at 1.90 Å resolution
29	c6gkvB_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: B: PDB Molecule: cochlorine n-methyltransferase; PDBTitle: crystal structure of cochlorine n-methyltransferase (cnmt) bound to n-2 methylheliamine and sah
30	c6ectA_	Alignment	not modelled	99.9	14	PDB header: transferase Chain: A: PDB Molecule: stie protein; PDBTitle: stie o-mt residues 961-1257
31	c5kn4B_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: B: PDB Molecule: pavine n-methyltransferase; PDBTitle: pavine n-methyltransferase apoenzyme ph 6.0
32	d1l1ea_	Alignment	not modelled	99.9	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
33	c5evjA_	Alignment	not modelled	99.9	27	PDB header: transferase Chain: A: PDB Molecule: arsenite methyltransferase; PDBTitle: x-ray crystal structure of crasm, an arsenic (iii) s-2 adenosylmethionine methyltransferase from <i>Chlamydomonas reinhardtii</i>
34	c3ocjA_	Alignment	not modelled	99.9	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative exported protein; PDBTitle: the crystal structure of a possible exported protein from <i>Bordetella parapertussis</i>
35	c4kdcA_	Alignment	not modelled	99.9	22	PDB header: transferase Chain: A: PDB Molecule: 3-demethylubiquinone-9 3-methyltransferase; PDBTitle: crystal structure of ubiq
36	d1kpga_	Alignment	not modelled	99.9	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
37	d1tpya_	Alignment	not modelled	99.9	13	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
38	c5z9oA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: cyclopropane-fatty-acyl-phospholipid synthase; PDBTitle: the crystal structure of cyclopropane-fatty-acyl-phospholipid synthase2 from <i>Lactobacillus acidophilus</i>
39	c5fcdA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: mccd; PDBTitle: crystal structure of mccd protein
40	c3g5tA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: trans-aconitate 3-methyltransferase; PDBTitle: crystal structure of trans-aconitate 3-methyltransferase from yeast
41	d1kpia_	Alignment	not modelled	99.9	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
42	c6ecvB_	Alignment	not modelled	99.9	18	PDB header: transferase Chain: B: PDB Molecule: stid protein; PDBTitle: stid o-mt residues 976-1266
43	c4qnuH_	Alignment	not modelled	99.9	21	PDB header: transferase Chain: H: PDB Molecule: trna (mo5u34)-methyltransferase; PDBTitle: crystal structure of cmob bound with cx-sam in p21212
44	c6f5zB_	Alignment	not modelled	99.9	21	PDB header: transferase Chain: B: PDB Molecule: 24-sterol c-methyltransferase; PDBTitle: complex between the haloferax volcanii trm112 methyltransferase2 activator and the hvo_0019 putative methyltransferase
45	c5mgzA_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: 8-demethylnovobiocic acid c(8)-methyltransferase; PDBTitle: streptomyces spheroides novo (8-demethylnovobiocic acid2 methyltransferase) with sah
46	c4kvzA_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: baml; PDBTitle: crystal structure of the plantazolicin methyltransferase baml in2 complex with sah
47	c4obxD_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: D: PDB Molecule: 2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, PDBTitle: crystal structure of yeast coq5 in the apo form
48	c3dlcA_	Alignment	not modelled	99.9	14	PDB header: transferase Chain: A: PDB Molecule: putative s-adenosyl-L-methionine-dependent PDBTitle: crystal structure of a putative s-adenosyl-L-methionine-dependent2 methyltransferase (mmp1179) from <i>Methanococcus maripaludis</i> at 1.15 Å resolution
49	c2p35A_	Alignment	not modelled	99.9	21	PDB header: transferase Chain: A: PDB Molecule: trans-aconitate 2-methyltransferase; PDBTitle: crystal structure of trans-aconitate methyltransferase from <i>Agrobacterium tumefaciens</i>
50	c4htfA_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: s-adenosylmethionine-dependent methyltransferase; PDBTitle: crystal structure of s-adenosylmethionine-dependent methyltransferase2 from <i>Escherichia coli</i> in complex with s-adenosylmethionine.
51	c6bqcA_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: cyclopropane-fatty-acyl-phospholipid synthase; PDBTitle: cyclopropane fatty acid synthase from <i>E. coli</i> PDB header: transferase

52	c5t39A_	Alignment	not modelled	99.9	21	Chain: A; PDB Molecule: evdm01; PDBTitle: crystal structure of the n-terminal domain of evdm01 in the presence of sah and d-fucose
53	c3l8dA_	Alignment	not modelled	99.9	21	PDB header: transferase Chain: A; PDB Molecule: methyltransferase; PDBTitle: crystal structure of methyltransferase from bacillus thuringiensis
54	d2ex4a1	Alignment	not modelled	99.9	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: AD-003 protein-like
55	c3cc8A_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A; PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of a putative methyltransferase (bce_1332) from bacillus cereus atcc 10987 at 1.64 a resolution
56	c6ec3C_	Alignment	not modelled	99.9	25	PDB header: transferase, oxidoreductase Chain: C; PDB Molecule: methyltransferase domain-containing protein; PDBTitle: crystal structure of evdm01
57	c6dcbA_	Alignment	not modelled	99.9	20	PDB header: transferase/rna Chain: A; PDB Molecule: 7sk snrna methylphosphate capping enzyme; PDBTitle: structure of methylphosphate capping enzyme methyltransferase domain2 in complex with 5' end of 7sk rna
58	c6d6yA_	Alignment	not modelled	99.9	13	PDB header: transferase Chain: A; PDB Molecule: apra methyltransferase 2; PDBTitle: apra methyltransferase 2 - gnat didomain in complex with sah
59	d1im8a_	Alignment	not modelled	99.9	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Hypothetical protein HI0319 (YecO)
60	c4kwcA_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A; PDB Molecule: bpuml; PDBTitle: structure of the plantazolin methyltransferase bpuml in complex with2 sah
61	c3dliB_	Alignment	not modelled	99.9	14	PDB header: transferase Chain: B; PDB Molecule: methyltransferase; PDBTitle: crystal structure of a sam dependent methyltransferase from2 archaeoglobus fulgidus
62	c5mptA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A; PDB Molecule: citrinin polyketide synthase; PDBTitle: structure of the citrinin polyketide synthase cmet domain
63	c3dtnA_	Alignment	not modelled	99.9	18	PDB header: structural genomics, unknown function Chain: A; PDB Molecule: putative methyltransferase mm_2633; PDBTitle: crystal structure of putative methyltransferase-mm_2633 from2 methanosarcina mazei .
64	c4rvqA_	Alignment	not modelled	99.9	14	PDB header: transferase Chain: A; PDB Molecule: d-mycarose 3-c-methyltransferase; PDBTitle: crystal structure of mtmc in complex with sam and tdp
65	c6ccaA_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A; PDB Molecule: disa protein; PDBTitle: crystal structure of dsza carbon methyltransferase
66	c3lccA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A; PDB Molecule: putative methyl chloride transferase; PDBTitle: structure of a sam-dependent halide methyltransferase from arabidopsis2 thaliana
67	c2gs9A_	Alignment	not modelled	99.9	22	PDB header: transferase Chain: A; PDB Molecule: hypothetical protein tt1324; PDBTitle: crystal structure of tt1324 from thermus thermophilis hb8
68	c3e23A_	Alignment	not modelled	99.9	25	PDB header: structural genomics, unknown function Chain: A; PDB Molecule: uncharacterized protein rpa2492; PDBTitle: crystal structure of the rpa2492 protein in complex with sam from2 rhodospseudomonas palustris, northeast structural genomics consortium3 target rpr299
69	d2avna1	Alignment	not modelled	99.9	27	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: UbiE/COQ5-like
70	c1z3cA_	Alignment	not modelled	99.9	21	PDB header: transferase Chain: A; PDB Molecule: mrna capping enzyme; PDBTitle: encephalitozoan cuniculi mrna cap (guanine-n7)2 methyltransferasein complex with azoadomet
71	d1ri5a_	Alignment	not modelled	99.9	21	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: mRNA cap (Guanine N-7) methyltransferase
72	c3bgvC_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: C; PDB Molecule: mrna cap guanine-n7 methyltransferase; PDBTitle: crystal structure of mrna cap guanine-n7 methyltransferase2 in complex with sah
73	d1yzha1	Alignment	not modelled	99.9	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TrmB-like
74	c3egeA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A; PDB Molecule: putative methyltransferase from antibiotic biosynthesis PDBTitle: crystal structure of putative methyltransferase from antibiotic2 biosynthesis pathway (yp_324569.1) from anabaena variabilis atcc3 29413 at 2.40 a resolution
75	c3mq2A_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A; PDB Molecule: 16s rrna methyltransferase; PDBTitle: crystal structure of 16s rrna methyltransferase kamb
76	c4hg2B_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: B; PDB Molecule: methyltransferase type 11; PDBTitle: the structure of a putative type ii methyltransferase from2 anaeromyxobacter dehalogenans.
						Fold: S-adenosyl-L-methionine-dependent methyltransferases

77	d1xcla_	Alignment	not modelled	99.9	15	Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
78	d2fcaa1	Alignment	not modelled	99.9	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TrmB-like
79	c3g07C_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: C: PDB Molecule: 7sk snrna methylphosphate capping enzyme; PDBTitle: methyltransferase domain of human bicoid-interacting protein 3 homolog2 (drosophila)
80	d1ve3a1	Alignment	not modelled	99.9	30	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: CAC2371-like
81	c4necC_	Alignment	not modelled	99.9	26	PDB header: transferase/antibiotic Chain: C: PDB Molecule: putative sam-dependent methyltransferase; PDBTitle: conversion of a disulfide bond into a thioacetal group during2 echinomycin biosynthesis
82	c3ggdA_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of sam-dependent methyltransferase (yp_325210.1)2 from anabaena variabilis atcc 29413 at 2.11 a resolution
83	c4x1oA_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: 16s rrna (adenine(1408)-n(1))-methyltransferase; PDBTitle: crystal structure of the 16s rrna (adenine(1408)-n(1))-2 methyltransferase from catenulisporales acidiphilia
84	c4gdkB_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: B: PDB Molecule: magnesium-protoporphyrin o-methyltransferase; PDBTitle: crystal structure of magnesium protoporphyrin ix methyltransferase2 (chlm) from synechocystis pcc 6803 with bound sah
85	c5dplB_	Alignment	not modelled	99.9	21	PDB header: transferase Chain: B: PDB Molecule: protein lysine methyltransferase 2; PDBTitle: the structure of pkmt2 from rickettsia typhi in complex with adohcy
86	c3ndjA_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: methyltransferase; PDBTitle: x-ray structure of a c-3'-methyltransferase in complex with s-2 adenosyl-l-homocysteine and sugar product
87	c3dh0B_	Alignment	not modelled	99.8	22	PDB header: transferase Chain: B: PDB Molecule: sam dependent methyltransferase; PDBTitle: crystal structure of a sam dependent methyltransferase from2 aquifex aeolicus
88	d2p7ia1	Alignment	not modelled	99.8	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: UbiE/COQ5-like
89	c3mtiA_	Alignment	not modelled	99.8	18	PDB header: transferase Chain: A: PDB Molecule: rrna methylase; PDBTitle: the crystal structure of a rrna methylase from streptococcus2 thermophilus to 1.95a
90	c5do0A_	Alignment	not modelled	99.8	20	PDB header: transferase Chain: A: PDB Molecule: protein lysine methyltransferase 1; PDBTitle: the structure of pkmt1 from rickettsia prowazekii
91	d1xtpa_	Alignment	not modelled	99.8	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: AD-003 protein-like
92	c3h2bB_	Alignment	not modelled	99.8	21	PDB header: transferase Chain: B: PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of the sam-dependent methyltransferase cg3271 from2 corynebacterium glutamicum in complex with s-adenosyl-l-homocysteine3 and pyrophosphate. northeast structural genomics consortium target4 cgr113a
93	c5ubbA_	Alignment	not modelled	99.8	23	PDB header: transferase Chain: A: PDB Molecule: alpha n-terminal protein methyltransferase 1b; PDBTitle: crystal structure of human alpha n-terminal protein methyltransferase2 1b
94	c5thyB_	Alignment	not modelled	99.8	19	PDB header: transferase,lyase Chain: B: PDB Molecule: curj; PDBTitle: crystal structure of semet-substituted curj carbon methyltransferase
95	c3lecA_	Alignment	not modelled	99.8	14	PDB header: structure genomics, unknown function Chain: A: PDB Molecule: nadb-rossmann superfamily protein; PDBTitle: the crystal structure of a protein in the nadb-rossmann superfamily2 from streptococcus agalactiae to 1.8a
96	c2p7iB_	Alignment	not modelled	99.8	18	PDB header: transferase Chain: B: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of a sam dependent methyl-transferase type 12 family2 protein (eca1738) from pectobacterium atrosepticum scri1043 at 1.74 a3 resolution
97	d2a14a1	Alignment	not modelled	99.8	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Arylamine N-methyltransferase
98	c4qttB_	Alignment	not modelled	99.8	19	PDB header: transferase Chain: B: PDB Molecule: putative methyltransferase bud23; PDBTitle: structure of s. cerevisiae bud23-trm112 complex involved in formation2 of m7g1575 on 18s rrna (apo-form)
99	d1zx0a1	Alignment	not modelled	99.8	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
100	d1n8sa	Alignment	not modelled	99.8	13	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent

100	c1qgsa_	Alignment	not modelled	99.8	15	methyltransferases Family: Fibrillarin homologue PDB header: transferase Chain: B: PDB Molecule: methyltransferase domain protein; PDBTitle: crystal structure of burkholderia thailandensis 1,6-2 didemethyltoxoflavin-n1-methyltransferase with bound 1,6-3 didemethyltoxoflavin and s-adenosylhomocysteine
101	c5ufmB_	Alignment	not modelled	99.8	17	PDB header: transferase Chain: A: PDB Molecule: sam-dependent methyltransferases; PDBTitle: crystal structure of sam-dependent methyltransferases q8puk2_metma2 from methanosarcina mazei. northeast structural genomics consortium3 target mar262.
102	c3sm3A_	Alignment	not modelled	99.8	25	PDB header: transferase Chain: B: PDB Molecule: phosphoethanolamine n-methyltransferase 1; PDBTitle: semet haemonchus contortus phosphoethanolamine n-methyltransferase 12 in complex with phosphoethanolamine and s-adenosylhomocysteine
103	c4krqB_	Alignment	not modelled	99.8	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ta0852; PDBTitle: structure of a putative methyltransferase from thermoplasma2 acidophilum.
104	d1yb2a1	Alignment	not modelled	99.8	20	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein, duf633, lmof2365_1472; PDBTitle: structure of uncharacterized protein (lmof2365_1472) from listeria2 monocytogenes serotype 4b
105	c1yb2A_	Alignment	not modelled	99.8	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: UbiE/COQ5-like PDB header: protein binding Chain: F: PDB Molecule: hen1; PDBTitle: structure of the pnpk1/rnl/hen1 rna repair complex
106	c3gnlB_	Alignment	not modelled	99.8	12	PDB header: transferase Chain: A: PDB Molecule: probable methyltransferase bt9727_4108; PDBTitle: crystal structure of a probable methyltransferase2 bt9727_4108 from bacillus thuringiensis subsp. northeast3 structural genomics consortium target id bur219
107	d1vlma_	Alignment	not modelled	99.8	23	PDB header: transferase Chain: A: PDB Molecule: trna (guanine-n(7)-)-methyltransferase; PDBTitle: crystal structure of ectrmb in complex with sam
108	c4xrpF_	Alignment	not modelled	99.8	11	PDB header: ribosome Chain: Q: PDB Molecule: 40s ribosomal protein s16; PDBTitle: cryo-em structure of a late human pre-40s ribosomal subunit - state a
109	c3hnrA_	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase protein; PDBTitle: crystal structure of sam-dependent methyltransferase from bacteroides2 fragilis in complex with s-adenosyl-l-homocysteine
110	c3dxyA_	Alignment	not modelled	99.8	19	PDB header: transferase Chain: A: PDB Molecule: putative rrna methyltransferase; PDBTitle: crystal structure of the antibiotic-resistance methyltransferase kmr
111	c6g4wq_	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: nodulation protein s; PDBTitle: crystal structure of n-methyltransferase nods from bradyrhizobium2 japonicum wm9 in complex with s-adenosyl-l-homocysteine (sah)
112	c5bp9A_	Alignment	not modelled	99.8	13	PDB header: transferase Chain: G: PDB Molecule: trna (cmo5u34)-methyltransferase; PDBTitle: crystal structure of wild-type cmoa from e.coli
113	c4rwzA_	Alignment	not modelled	99.8	21	PDB header: transferase Chain: A: PDB Molecule: putative sam dependent methyltransferase; PDBTitle: crystal structure of putative sam dependent methyltransferase in2 complex with sah (np_744700.1) from pseudomonas putida kt2440 at 2.103 a resolution
114	c3ofkA_	Alignment	not modelled	99.8	17	PDB header: biosynthetic protein Chain: A: PDB Molecule: o-methyltransferase; PDBTitle: crystal structure of tnmh
115	c4gekG_	Alignment	not modelled	99.8	13	PDB header: transferase Chain: A: PDB Molecule: sam-dependent methyltransferase; PDBTitle: dhpi-sam-hep complex
116	c3e8sA_	Alignment	not modelled	99.8	17	PDB header: transferase Chain: A: PDB Molecule: glycine sarcosine n-methyltransferase; PDBTitle: crystal structure of glycine sarcosine n-methyltransferase from2 methanohalophilus portucalensis in complex with betaine
117	c6clwA_	Alignment	not modelled	99.8	13	PDB header: transferase Chain: E: PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of streptococcus pneumoniae sp1610, a putative trna2 (m1a22) methyltransferase, in complex with s-adenosyl-l-methionine
118	c3ou7A_	Alignment	not modelled	99.8	20	
119	c5hijA_	Alignment	not modelled	99.8	17	
120	c3ku1E_	Alignment	not modelled	99.8	16	