





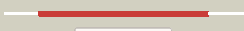









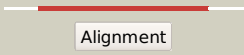



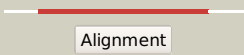

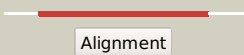

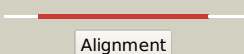

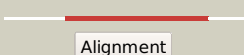

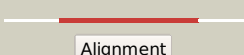






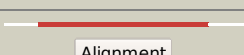

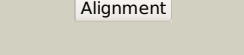
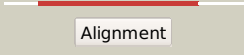
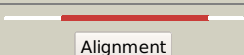
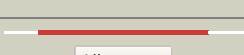
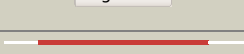


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2959c_(-)_3312111_3312848
Date	Thu Aug 8 16:20:12 BST 2019
Unique Job ID	cc1e53b1ddcd01b5

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2bm8a1	 Alignment		100.0	21	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Cmcl-like
2	c4ce0A	 Alignment		99.9	20	PDB header: transferase Chain: A: PDB Molecule: o-methyltransferase; PDBTitle: crystal structure of sah-bound spinosyn rhamnosyl 4'-o-2 methyltransferase spnh from saccharopolyspora spinosa
3	c5zy5B	 Alignment		99.9	15	PDB header: transferase Chain: B: PDB Molecule: probable catechol o-methyltransferase 1; PDBTitle: spcomt apo structure
4	c2wk1A	 Alignment		99.9	21	PDB header: transferase Chain: A: PDB Molecule: novp; PDBTitle: structure of the o-methyltransferase novp
5	c4xvzB	 Alignment		99.9	21	PDB header: transferase Chain: B: PDB Molecule: mycinamicin iii 3''-o-methyltransferase; PDBTitle: mycf mycinamicin iii 3'-o-methyltransferase in complex with mg
6	c6g80C	 Alignment		99.8	20	PDB header: transferase Chain: C: PDB Molecule: methyltransferase domain protein; PDBTitle: structure of mycobacterium hassiacum met1 from orthorhombic crystals.
7	c3tr6A	 Alignment		99.8	15	PDB header: transferase Chain: A: PDB Molecule: o-methyltransferase; PDBTitle: structure of a o-methyltransferase from coxiella burnetii
8	c3r3hA	 Alignment		99.8	18	PDB header: transferase Chain: A: PDB Molecule: o-methyltransferase, sam-dependent; PDBTitle: crystal structure of o-methyltransferase from legionella pneumophila
9	c4gf5S	 Alignment		99.8	22	PDB header: transferase Chain: S: PDB Molecule: cals11; PDBTitle: crystal structure of calicheamicin methyltransferase, cals11
10	c3cbgA	 Alignment		99.8	14	PDB header: transferase Chain: A: PDB Molecule: o-methyltransferase; PDBTitle: functional and structural characterization of a cationdependent o-2 methyltransferase from the cyanobacterium synechocystis sp. strain3 pcc 6803
11	c3tfwB	 Alignment		99.8	17	PDB header: transferase Chain: B: PDB Molecule: putative o-methyltransferase; PDBTitle: crystal structure of a putative o-methyltransferase from klebsiella2 pneumoniae

12	c3c3yB_			99.8	17	PDB header: transferase Chain: B: PDB Molecule: o-methyltransferase; PDBTitle: crystal structure of pfomt, phenylpropanoid and flavonoid o-2 methyltransferase from m. crystallinum
13	d1susa1			99.8	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: COMT-like
14	c3duwB_			99.8	18	PDB header: transferase Chain: B: PDB Molecule: o-methyltransferase, putative; PDBTitle: crystal structural analysis of the o-methyltransferase from2 bacillus cereus in complex sah
15	c2hnkC_			99.8	17	PDB header: transferase Chain: C: PDB Molecule: sam-dependent o-methyltransferase; PDBTitle: crystal structure of sam-dependent o-methyltransferase from pathogenic2 bacterium leptospira interrogans
16	d2avda1			99.8	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: COMT-like
17	c5n5dA_			99.8	16	PDB header: transferase Chain: A: PDB Molecule: methyltransferase; PDBTitle: crystal structure of the o-methyltransferase tomg from streptomyces2 achromogenes involved in tomaymycin synthesis in complex with sam
18	d2cl5a1			99.7	25	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: COMT-like
19	c4ymhB_			99.7	17	PDB header: transferase Chain: B: PDB Molecule: putative sam-dependent o-methyltransferase; PDBTitle: crystal structure of sah-bound podospira anserina methyltransferase2 pamth1
20	c3ssoE_			99.7	21	PDB header: transferase Chain: E: PDB Molecule: methyltransferase; PDBTitle: myce methyltransferase from the mycinamycin biosynthetic pathway in2 complex with mg and sah, crystal form 2
21	c3ntvB_		not modelled	99.7	13	PDB header: transferase Chain: B: PDB Molecule: mw1564 protein; PDBTitle: crystal structure of a putative caffeoyl-coa o-methyltransferase from2 staphylococcus aureus
22	c5lhmA_		not modelled	99.7	11	PDB header: transferase Chain: A: PDB Molecule: putative o-methyltransferase; PDBTitle: crystal structure of safc from myxococcus xanthus apo-form
23	c3dr5A_		not modelled	99.7	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative o-methyltransferase; PDBTitle: crystal structure of the q8nr3_corgl protein from corynebacterium2 glutamicum. northeast structural genomics consortium target cgr117.
24	c2gpyB_		not modelled	99.7	14	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: o-methyltransferase; PDBTitle: crystal structure of putative o-methyltransferase from bacillus2 halodurans
25	c4oa8A_		not modelled	99.6	15	PDB header: transferase Chain: A: PDB Molecule: o-methyltransferase family protein; PDBTitle: x-ray crystal structure of o-methyltransferase from anaplasma2 phagocytophilum in apo form
26	c3c3pC_		not modelled	99.6	16	PDB header: transferase Chain: C: PDB Molecule: methyltransferase; PDBTitle: crystal structure of a methyltransferase (np_951602.1) from geobacter2 sulfurreducens at 1.90 a resolution
27	c5zw3B_		not modelled	99.6	17	PDB header: rna binding protein Chain: B: PDB Molecule: putative o-methyltransferase yrrm; PDBTitle: crystal structure of trmr from b. subtilis
28	c3ssmB_		not modelled	99.5	26	PDB header: transferase Chain: B: PDB Molecule: methyltransferase; PDBTitle: myce methyltransferase from the mycinamycin biosynthetic pathway in2 complex with mg and sah, crystal form 1

29	c5x7fA_	Alignment	not modelled	99.5	14	PDB header: transferase Chain: A: PDB Molecule: putative o-methyltransferase rv1220c; PDBTitle: structure of a o-methyltransferase from mycobacterium tuberculosis at2 2.0 resolution
30	c4ponB_	Alignment	not modelled	98.8	13	PDB header: transferase Chain: B: PDB Molecule: putative rna methylase; PDBTitle: the crystal structure of a putative sam-dependent methyltransferase,2 ytgq, from bacillus subtilis
31	d1o54a_	Alignment	not modelled	98.7	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
32	c3lecA_	Alignment	not modelled	98.7	8	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
33	d1yb2a1	Alignment	not modelled	98.7	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
34	c1yb2A_	Alignment	not modelled	98.7	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ta0852; PDBTitle: structure of a putative methyltransferase from thermoplasma2 acidophilum.
35	c3mb5A_	Alignment	not modelled	98.7	13	PDB header: transferase Chain: A: PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of p. abyssi trna m1a58 methyltransferase in complex2 with s-adenosyl-l-methionine
36	c2pbfA_	Alignment	not modelled	98.7	17	PDB header: transferase Chain: A: PDB Molecule: protein-l-isoaspartate o-methyltransferase beta-aspartate PDBTitle: crystal structure of a putative protein-l-isoaspartate o-2 methyltransferase beta-aspartate methyltransferase (pcmt) from3 plasmodium falciparum in complex with s-adenosyl-l-homocysteine
37	d1dl5a1	Alignment	not modelled	98.7	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
38	d1i9ga_	Alignment	not modelled	98.7	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
39	c1dl5A_	Alignment	not modelled	98.7	20	PDB header: transferase Chain: A: PDB Molecule: protein-l-isoaspartate o-methyltransferase; PDBTitle: protein-l-isoaspartate o-methyltransferase
40	d1i1na_	Alignment	not modelled	98.6	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
41	d1nv8a_	Alignment	not modelled	98.6	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N5- glutamine methyltransferase, HemK
42	d1g8aa_	Alignment	not modelled	98.6	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Fibrillarlin homologue
43	c5ccbA_	Alignment	not modelled	98.6	16	PDB header: transferase/rna Chain: A: PDB Molecule: trna (adenine(58)-n(1))-methyltransferase catalytic subunit PDBTitle: crystal structure of human m1a58 methyltransferase in a complex with2 trna3lys and sah
44	c3cvoA_	Alignment	not modelled	98.6	17	PDB header: transferase Chain: A: PDB Molecule: methyltransferase-like protein of unknown function; PDBTitle: crystal structure of a methyltransferase-like protein (spo2022) from2 silicibacter pomeroyi dss-3 at 1.80 a resolution
45	c2pwyB_	Alignment	not modelled	98.5	20	PDB header: transferase Chain: B: PDB Molecule: trna (adenine-n(1))-methyltransferase; PDBTitle: crystal structure of a m1a58 trna methyltransferase
46	d1r18a_	Alignment	not modelled	98.5	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
47	c5z9oA_	Alignment	not modelled	98.5	17	PDB header: transferase Chain: A: PDB Molecule: cyclopropane-fatty-acyl-phospholipid synthase; PDBTitle: the crystal structure of cyclopropane-fatty-acyl-phospholipid synthase2 from lactobacillus acidophilus
48	c3eeyl_	Alignment	not modelled	98.5	14	PDB header: transferase Chain: J: PDB Molecule: putative rrna methylase; PDBTitle: crystal structure of putative rrna-methylase from clostridium2 thermocellum
49	d1l3ia_	Alignment	not modelled	98.5	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Precorrin-6Y methyltransferase (CbIT)
50	c4ineB_	Alignment	not modelled	98.5	15	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
51	c3g5tA_	Alignment	not modelled	98.5	15	PDB header: transferase Chain: A: PDB Molecule: trans-aconitate 3-methyltransferase; PDBTitle: crystal structure of trans-aconitate 3-methyltransferase from yeast
52	c2yxeB_	Alignment	not modelled	98.5	18	PDB header: transferase Chain: B: PDB Molecule: protein-l-isoaspartate o-methyltransferase; PDBTitle: crystal structure of l-isoaspartyl protein carboxyl methyltransferase

53	c3lbyA	 Alignment	not modelled	98.4	15	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein smu.1697c; PDBTitle: crystal structure of smu.1697c, a putative methyltransferase from <i>Streptococcus mutans</i> in complex with sah
54	d1prya	 Alignment	not modelled	98.4	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Fibrillarlin homologue
55	c2fk8A	 Alignment	not modelled	98.4	9	PDB header: transferase Chain: A: PDB Molecule: methoxy mycolic acid synthase 4; PDBTitle: crystal structure of hma (mmaa4) from <i>Mycobacterium tuberculosis</i> 2 complexed with s-adenosylmethionine
56	d2b25a1	 Alignment	not modelled	98.4	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
57	c3gnlB	 Alignment	not modelled	98.4	4	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein, duf633, lmf2365_1472; PDBTitle: structure of uncharacterized protein (lmf2365_1472) from <i>Listeria monocytogenes</i> serotype 4b
58	c5evjA	 Alignment	not modelled	98.4	17	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>
59	c4kwcA	 Alignment	not modelled	98.4	14	PDB header: transferase Chain: A: PDB Molecule: bpuml; PDBTitle: structure of the plantazolicin methyltransferase bpuml in complex with2 sah
60	c3mtiA	 Alignment	not modelled	98.4	17	PDB header: transferase Chain: A: PDB Molecule: rrna methylase; PDBTitle: the crystal structure of a rrna methylase from <i>Streptococcus thermophilus</i> to 1.95a
61	c2yvlB	 Alignment	not modelled	98.4	16	PDB header: transferase Chain: B: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of trna (m1a58) methyltransferase trmi from <i>Aquifex2 aeolicus</i>
62	c4df3B	 Alignment	not modelled	98.4	15	PDB header: transferase Chain: B: PDB Molecule: fibrillarlin-like rrna/trna 2'-o-methyltransferase; PDBTitle: crystal structure of <i>Aeropyrum pernix</i> fibrillarlin in complex with2 natively bound s-adenosyl-L-methionine at 1.7a
63	c3lbfC	 Alignment	not modelled	98.4	18	PDB header: transferase Chain: C: PDB Molecule: protein-l-isoaspartate o-methyltransferase; PDBTitle: crystal structure of protein l-isoaspartyl methyltransferase from <i>Escherichia coli</i>
64	d1g8sa	 Alignment	not modelled	98.4	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Fibrillarlin homologue
65	c4kvzA	 Alignment	not modelled	98.4	18	PDB header: transferase Chain: A: PDB Molecule: baml; PDBTitle: crystal structure of the plantazolicin methyltransferase baml in2 complex with sah
66	c4o29A	 Alignment	not modelled	98.4	17	PDB header: transferase Chain: A: PDB Molecule: protein-l-isoaspartate o-methyltransferase; PDBTitle: protein-l-isoaspartate o-methyltransferase from <i>Pyrobaculum aerophilum</i> 2 in complex with s-adenosyl-l-homocysteine
67	c3jwgA	 Alignment	not modelled	98.4	15	PDB header: transferase Chain: A: PDB Molecule: methyltransferase type 12; PDBTitle: crystal structure analysis of the methyltransferase domain of2 bacterial-cthen1-c
68	c4krhB	 Alignment	not modelled	98.3	15	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
69	c3id5F	 Alignment	not modelled	98.3	13	PDB header: transferase/ribosomal protein/rna Chain: F: PDB Molecule: fibrillarlin-like rrna/trna 2'-o-methyltransferase; PDBTitle: crystal structure of <i>Sulfolobus solfataricus</i> c/d rnp assembled with2 nop5, fibrillarlin, l7ae and a split half c/d rna
70	c2ipxA	 Alignment	not modelled	98.3	16	PDB header: transferase Chain: A: PDB Molecule: rrna 2'-o-methyltransferase fibrillarlin; PDBTitle: human fibrillarlin
71	c3e05B	 Alignment	not modelled	98.3	12	PDB header: transferase Chain: B: PDB Molecule: precorrin-6y c5,15-methyltransferase (decarboxylating); PDBTitle: crystal structure of precorrin-6y c5,15-methyltransferase from2 <i>Geobacter metallireducens</i> gs-15
72	c3ku1E	 Alignment	not modelled	98.3	8	PDB header: transferase Chain: E: PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of <i>Streptococcus pneumoniae</i> sp1610, a putative trna2 (m1a22) methyltransferase, in complex with s-adenosyl-l-methionine
73	c3bkxB	 Alignment	not modelled	98.3	16	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 <i>Lactobacillus casei</i> atcc 334 at 1.853 a resolution
74	d2fk8a1	 Alignment	not modelled	98.3	10	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
75	c5mptA	 Alignment	not modelled	98.3	13	PDB header: transferase Chain: A: PDB Molecule: citrinin polyketide synthase; PDBTitle: structure of the citrinin polyketide synthase cmet domain

76	c2yxdA	Alignment	not modelled	98.3	13	PDB header: transferase Chain: A: PDB Molecule: probable cobalt-precorrin-6y c(15)-methyltransferase PDBTitle: crystal structure of cobalamin biosynthesis precorrin 8w decarboxylase2 (cbit)
77	c5do0A	Alignment	not modelled	98.2	17	PDB header: transferase Chain: A: PDB Molecule: protein lysine methyltransferase 1; PDBTitle: the structure of pkmt1 from rickettsia prowazekii
78	d1nt2a	Alignment	not modelled	98.2	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Fibrillarlin homologue
79	c3pfdD	Alignment	not modelled	98.2	13	PDB header: transferase Chain: D: PDB Molecule: n-methyltransferase; PDBTitle: x-ray crystal structure the n,n-dimethyltransferase tylm1 from2 streptomyces fradiae in complex with sah and dtdp-quip3n
80	d1l1ea	Alignment	not modelled	98.2	6	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
81	c3qnhA	Alignment	not modelled	98.2	21	PDB header: transferase Chain: A: PDB Molecule: arsenic methyltransferase; PDBTitle: arsm arsenic(iii) s-adenosylmethionine methyltransferase with as(iii)
82	c5dplB	Alignment	not modelled	98.2	17	PDB header: transferase Chain: B: PDB Molecule: protein lysine methyltransferase 2; PDBTitle: the structure of pkmt2 from rickettsia typhi in complex with adohcy
83	d2ex4a1	Alignment	not modelled	98.2	13	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: AD-003 protein-like
84	c3njrB	Alignment	not modelled	98.2	14	PDB header: transferase Chain: B: PDB Molecule: precorrin-6y methylase; PDBTitle: crystal structure of c-terminal domain of precorrin-6y c5,15-2 methyltransferase from rhodobacter capsulatus
85	c6gkvB	Alignment	not modelled	98.2	15	PDB header: transferase Chain: B: PDB Molecule: coclaurine n-methyltransferase; PDBTitle: crystal structure of coclaurine n-methyltransferase (cnmt) bound to n-2 methylheliamine and sah
86	d1lnla	Alignment	not modelled	98.2	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase
87	d1vbfA	Alignment	not modelled	98.2	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
88	c5bxyB	Alignment	not modelled	98.2	13	PDB header: transferase Chain: B: PDB Molecule: rna methyltransferase; PDBTitle: crystal structure of rna methyltransferase from salinibacter ruber in2 complex with s-adenosyl-l-homocysteine
89	d1ej0a	Alignment	not modelled	98.2	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: RNA methyltransferase FtsJ
90	d1jg1a	Alignment	not modelled	98.2	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
91	c4dztA	Alignment	not modelled	98.2	18	PDB header: transferase Chain: A: PDB Molecule: protein-(glutamine-n5) methyltransferase, release factor- PDBTitle: the crystal structure of protein-(glutamine-n5) methyltransferase2 (release factor-specific) from alicyclobacillus acidocaldarius subsp.3 acidocaldarius dsm 446
92	c3lpmA	Alignment	not modelled	98.1	13	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of putative methyltransferase small domain protein2 from listeria monocytogenes
93	c5ergB	Alignment	not modelled	98.1	17	PDB header: transferase Chain: B: PDB Molecule: trna (adenine(58)-n(1))-methyltransferase catalytic subunit PDBTitle: crystal structure of the two-subunit trna m1a58 methyltransferase2 trm6-trm61 in complex with sam
94	c4xcxA	Alignment	not modelled	98.1	12	PDB header: transferase Chain: A: PDB Molecule: small rna 2'-o-methyltransferase; PDBTitle: methyltransferase domain of small rna 2'-o-methyltransferase
95	c3e7pA	Alignment	not modelled	98.1	18	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of of putative methyltransferase from bacteroides2 vulgatus atcc 8482
96	c3mq2A	Alignment	not modelled	98.1	18	PDB header: transferase Chain: A: PDB Molecule: 16s rna methyltransferase; PDBTitle: crystal structure of 16s rna methyltransferase kamb
97	d1kpga	Alignment	not modelled	98.1	9	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
98	c3ocjA	Alignment	not modelled	98.1	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative exported protein; PDBTitle: the crystal structure of a possilbe exported protein from bordetella2 parapertussis
99	c6bqcA	Alignment	not modelled	98.1	21	PDB header: transferase Chain: A: PDB Molecule: cyclopropane-fatty-acyl-phospholipid synthase; PDBTitle: cyclopropane fatty acid synthase from e. coli
100	d1kpia	Alignment	not modelled	98.1	9	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases

						Family: Mycolic acid cyclopropane synthase Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases
101	d2nxca1	Alignment	not modelled	98.1	18	Family: Ribosomal protein L11 methyltransferase PrmA PDB header: transferase Chain: A: PDB Molecule: hypothetical protein atu0636; PDBTitle: crystal structure of a predicted o-methyltransferase, protein atu6362 from agrobacterium tumefaciens.
102	c2ozvA_	Alignment	not modelled	98.1	15	PDB header: transferase Chain: A: PDB Molecule: phosphomethylethanolamine n-methyltransferase 2; PDBTitle: arabidopsis thaliana phosphoethanolamine n-methyltransferase 22 (atpmt2) in complex with sah
103	c5wp5A_	Alignment	not modelled	98.1	16	PDB header: transferase Chain: E: PDB Molecule: trna (guanine-n(7)-)-methyltransferase; PDBTitle: structure of trm8-trm82, the yeast trna m7g methylation2 complex
104	c2vduE_	Alignment	not modelled	98.1	10	PDB header: transferase Chain: C: PDB Molecule: trna (adenine(22)-n(1))-methyltransferase; PDBTitle: crystal structure of the b. subtilis m1a22 trna methyltransferase trmk
105	c6q56C_	Alignment	not modelled	98.1	11	PDB header: transferase Chain: G: PDB Molecule: precorrin-6y c5,15-methyltransferase; PDBTitle: crystal structure of putative precorrin-6y c5,15-2 methyltransferase targeted domain from corynebacterium3 diphtheriae
106	c3hm2G_	Alignment	not modelled	98.1	13	PDB header: transferase Chain: A: PDB Molecule: histidine-specific methyltransferase egtD; PDBTitle: crystal structure of histidine-specific methyltransferase egtD from2 mycobacterium smegmatis
107	c4uy5A_	Alignment	not modelled	98.1	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Glycine N-methyltransferase
108	d1r74a_	Alignment	not modelled	98.1	20	PDB header: transferase Chain: A: PDB Molecule: n,n-dimethyltransferase; PDBTitle: crystal structure of streptomyces venezuelae desvi
109	c3bxoA_	Alignment	not modelled	98.1	14	PDB header: transferase Chain: B: PDB Molecule: trna (mo5u34)-methyltransferase; PDBTitle: crystal structure of putative methyltransferase from pseudomonas2 syringae pv. tomato
110	c4p7cB_	Alignment	not modelled	98.1	18	PDB header: transferase Chain: B: PDB Molecule: stid protein; PDBTitle: stid o-mt residues 976-1266
111	c6ecvB_	Alignment	not modelled	98.1	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: slr1183 protein; PDBTitle: crystal structure of the methyltransferase slr1183 from synechocystis2 sp. pcc 6803, northeast structural genomics consortium target sgr145
112	c3merA_	Alignment	not modelled	98.0	13	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
113	d1p1ca_	Alignment	not modelled	98.0	9	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase
114	d2o07a1	Alignment	not modelled	98.0	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
115	c3vc2J_	Alignment	not modelled	98.0	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Glycine N-methyltransferase
116	d1xvaa_	Alignment	not modelled	98.0	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
117	d2igtal	Alignment	not modelled	98.0	18	PDB header: transferase Chain: B: PDB Molecule: spermidine synthase; PDBTitle: the crystal structure of spermidine synthase from p. falciparum in2 complex with 5'-methylthioadenosine
118	c2hteB_	Alignment	not modelled	98.0	16	PDB header: transferase Chain: A: PDB Molecule: protein-l-isoaspartate o-methyltransferase; PDBTitle: crystal structure of protein l-isoaspartyl-o-methyltransferase of2 vibrio cholerae
119	c4i7vA_	Alignment	not modelled	98.0	19	PDB header: transferase Chain: A: PDB Molecule: polyamine aminopropyltransferase; PDBTitle: crystal structure of synechococcus spermidine synthase in complex with2 putrescine, spermidine and mta
120	c6qmmA_	Alignment	not modelled	98.0	15	