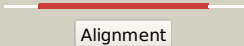

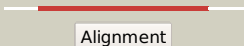

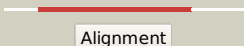







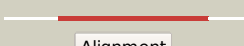

















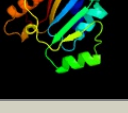


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1523_(-)_1717659_1718702
Date	Fri Aug 2 13:30:11 BST 2019
Unique Job ID	ac1d329cf6029940

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6bqcA_	 Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: cyclopropane-fatty-acyl-phospholipid synthase; PDBTitle: cyclopropane fatty acid synthase from e. coli
2	c5z9oA_	 Alignment		100.0	18	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
3	c6gkvB_	 Alignment		100.0	13	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
4	d1kpga_	 Alignment		100.0	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
5	c2fk8A_	 Alignment		100.0	14	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
6	d1tpya_	 Alignment		100.0	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
7	d1kpia_	 Alignment		100.0	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
8	d2fk8a1	 Alignment		100.0	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
9	c4pneA_	 Alignment		100.0	22	PDB header: biosynthetic protein Chain: A: PDB Molecule: methyltransferase-like protein; PDBTitle: crystal structure of the [4+2]-cyclase spnf
10	d1llea_	 Alignment		100.0	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
11	c4ineB_	 Alignment		100.0	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

12	c5wp5A	Alignment		100.0	23	PDB header: transferase Chain: A; PDB Molecule: phosphomethylethanolamine n-methyltransferase 2; PDBTitle: arabidopsis thaliana phosphoethanolamine n-methyltransferase 22 (atpmt2) in complex with sah
13	d2o57a1	Alignment		100.0	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
14	c4krhB	Alignment		100.0	19	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
15	c6ecvB	Alignment		100.0	18	PDB header: transferase Chain: B; PDB Molecule: stid protein; PDBTitle: stid o-mt residues 976-1266
16	c3vc2J	Alignment		100.0	20	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
17	c6ectA	Alignment		100.0	19	PDB header: transferase Chain: A; PDB Molecule: stie protein; PDBTitle: stie o-mt residues 961-1257
18	c5gm2E	Alignment		100.0	20	PDB header: transferase Chain: E; PDB Molecule: o-methyltransferase; PDBTitle: crystal structure of methyltransferase tled complexed with sah and2 teleocidin a1
19	c5kn4B	Alignment		100.0	10	PDB header: transferase Chain: B; PDB Molecule: pavine n-methyltransferase; PDBTitle: pavine n-methyltransferase apoenzyme ph 6.0
20	c4p7cB	Alignment		100.0	22	PDB header: transferase Chain: B; PDB Molecule: trna (mo5u34)-methyltransferase; PDBTitle: crystal structure of putative methyltransferase from pseudomonas syringae pv. tomato
21	c3e7pA	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A; PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of of putative methyltransferase from bacteroides2 vulgatus atcc 8482
22	c3bkxB	Alignment	not modelled	99.9	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
23	c3f4kA	Alignment	not modelled	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.
24	c5w7kA	Alignment	not modelled	99.9	18	PDB header: transferase Chain: A; PDB Molecule: oxag; PDBTitle: crystal structure of oxag
25	c2yr0A	Alignment	not modelled	99.9	26	PDB header: transferase Chain: A; PDB Molecule: hypothetical protein ttha0223; PDBTitle: crystal structure of hypothetical methyltransferase ttha0223 from2 thermus thermophilus hb8
26	c4kwcA	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A; PDB Molecule: bpuml; PDBTitle: structure of the plantazolicin methyltransferase bpuml in complex with2 sah
27	c5egpB	Alignment	not modelled	99.9	17	PDB header: transferase Chain: B; PDB Molecule: ubie/coq5 family methyltransferase, putative; PDBTitle: crystal structure of the s-methyltransferase tmta
28	c3busB	Alignment	not modelled	99.9	29	PDB header: transferase Chain: B; PDB Molecule: methyltransferase; PDBTitle: crystal structure of rebm

29	c3qnHA	Alignment	not modelled	99.9	24	PDB header: transferase Chain: A: PDB Molecule: arsenic methyltransferase; PDBTitle: arsm arsenic(iii) s-adenosylmethionine methyltransferase with as(iii)
30	c4kvzA	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: baml; PDBTitle: crystal structure of the plantazolin methyltransferase baml in2 complex with sah
31	c3g5tA	Alignment	not modelled	99.9	25	PDB header: transferase Chain: A: PDB Molecule: trans-aconitate 3-methyltransferase; PDBTitle: crystal structure of trans-aconitate 3-methyltransferase from yeast
32	c5evjA	Alignment	not modelled	99.9	29	PDB header: transferase Chain: A: PDB Molecule: arsenite methyltransferase; PDBTitle: x-ray crystal structure of crasm, an arsenic (iii) s-2 adenosylmethionine methyltransferase from chlamydomonas reinhardtii
33	c6f5zB	Alignment	not modelled	99.9	29	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
34	c4iv0B	Alignment	not modelled	99.9	18	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
35	c5mgzA	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: 8-demethylnovobiocic acid c(8)-methyltransferase; PDBTitle: streptomyces spheroides novo (8-demethylnovobiocic acid2 methyltransferase) with sah
36	c4krGB	Alignment	not modelled	99.9	18	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
37	c4necC	Alignment	not modelled	99.9	30	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
38	c3ujcA	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: phosphoethanolamine n-methyltransferase; PDBTitle: phosphoethanolamine methyltransferase mutant (h132a) from plasmodium2 falciparum in complex with phosphocholine
39	d1nkva	Alignment	not modelled	99.9	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Hypothetical Protein Yjhp
40	c6dcbA	Alignment	not modelled	99.9	18	PDB header: transferase/rna Chain: A: PDB Molecule: 7sk srna methylphosphate capping enzyme; PDBTitle: structure of methylphosphate capping enzyme methyltransferase domain2 in complex with 5' end of 7sk rna
41	c4x1oA	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: 16s rna (adenine(1408)-n(1))-methyltransferase; PDBTitle: crystal structure of the 16s rna (adenine(1408)-n(1))-2 methyltransferase from catenulisporales acidiphilia
42	c4qnuH	Alignment	not modelled	99.9	20	PDB header: transferase Chain: H: PDB Molecule: trna (mo5u34)-methyltransferase; PDBTitle: crystal structure of cmob bound with cx-sam in p21212
43	c4qttB	Alignment	not modelled	99.9	21	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 rna (apo-form)
44	d1xcla	Alignment	not modelled	99.9	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
45	c3mggB	Alignment	not modelled	99.9	26	PDB header: transferase Chain: B: PDB Molecule: methyltransferase; PDBTitle: crystal structure of methyl transferase from methanosarcina2 mazei
46	c6g4wq	Alignment	not modelled	99.9	22	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
47	c3bgvC	Alignment	not modelled	99.9	21	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
48	c5fcdA	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: mccd; PDBTitle: crystal structure of mccd protein
49	c5do0A	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: protein lysine methyltransferase 1; PDBTitle: the structure of pkmt1 from rickettsia prowazekii
50	c5dplB	Alignment	not modelled	99.9	16	PDB header: transferase Chain: B: PDB Molecule: protein lysine methyltransferase 2; PDBTitle: the structure of pkmt2 from rickettsia typhi in complex with adohcy
51	d2gh1a1	Alignment	not modelled	99.9	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: BC2162-like PDB header: transferase

52	c1v15B_	Alignment	not modelled	99.9	31	Chain: B: PDB Molecule: unknown conserved protein bh2331; PDBTitle: crystal structure of a putative methyltransferase (bh2331) from <i>Bacillus halodurans</i> c-125 at 1.95 Å resolution
53	d1v15a_	Alignment	not modelled	99.9	31	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: UbiE/COQ5-like
54	d1zx0a1	Alignment	not modelled	99.9	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
55	d1jqea_	Alignment	not modelled	99.9	10	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Histamine methyltransferase
56	d1xtpa_	Alignment	not modelled	99.9	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: AD-003 protein-like
57	d1p91a_	Alignment	not modelled	99.9	25	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: rRNA methyltransferase RlmA
58	c5mptA_	Alignment	not modelled	99.9	22	PDB header: transferase Chain: A: PDB Molecule: citrinin polyketide synthase; PDBTitle: structure of the citrinin polyketide synthase cmet domain
59	c3g51A_	Alignment	not modelled	99.9	22	PDB header: transferase Chain: A: PDB Molecule: putative s-adenosylmethionine dependent methyltransferase; PDBTitle: crystal structure of putative s-adenosylmethionine dependent2 methyltransferase from <i>Listeria monocytogenes</i>
60	d2ex4a1	Alignment	not modelled	99.9	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: AD-003 protein-like
61	c3cc8A_	Alignment	not modelled	99.9	18	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of a putative methyltransferase (bce_1332) from <i>Bacillus cereus</i> atcc 10987 at 1.64 Å resolution
62	d1yzha1	Alignment	not modelled	99.9	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TrmB-like
63	d1ve3a1	Alignment	not modelled	99.9	25	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: CAC2371-like
64	d1ri5a_	Alignment	not modelled	99.9	23	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: mRNA cap (Guanine N-7) methyltransferase
65	c3l8dA_	Alignment	not modelled	99.9	24	PDB header: transferase Chain: A: PDB Molecule: methyltransferase; PDBTitle: crystal structure of methyltransferase from <i>Bacillus thuringiensis</i>
66	c3dlcA_	Alignment	not modelled	99.9	20	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 marisplacidis</i> at 1.15 Å resolution
67	c1z3cA_	Alignment	not modelled	99.9	23	PDB header: transferase Chain: A: PDB Molecule: mrna capping enzyme; PDBTitle: encephalitozoon cuniculi mrna cap (guanine-n7)2 methyltransferase in complex with azoadomet
68	c4kdcA_	Alignment	not modelled	99.9	23	PDB header: transferase Chain: A: PDB Molecule: 3-demethylubiquinone-9 3-methyltransferase; PDBTitle: crystal structure of ubiq
69	c2qs9A_	Alignment	not modelled	99.9	28	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein tt1324; PDBTitle: crystal structure of tt1324 from <i>Thermus thermophilus</i> hb8
70	c3lccA_	Alignment	not modelled	99.9	18	PDB header: transferase Chain: A: PDB Molecule: putative methyl chloride transferase; PDBTitle: structure of a sam-dependent halide methyltransferase from <i>Arabidopsis thaliana</i>
71	c5bp9A_	Alignment	not modelled	99.9	12	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase protein; PDBTitle: crystal structure of sam-dependent methyltransferase from <i>Bacteroides fragilis</i> in complex with s-adenosyl-L-homocysteine
72	c3egeA_	Alignment	not modelled	99.9	22	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 <i>Anabaena variabilis</i> atcc3 29413 at 2.40 Å resolution
73	c4iscA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: methyltransferase; PDBTitle: crystal structure of a putative methyltransferase from <i>Pseudomonas syringae</i>
74	c3g07C_	Alignment	not modelled	99.9	21	PDB header: transferase Chain: C: PDB Molecule: 7sk snrna methylphosphate capping enzyme; PDBTitle: methyltransferase domain of human bicoid-interacting protein 3 homolog2 (<i>Drosophila</i>)
75	d2avna1	Alignment	not modelled	99.9	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: UbiE/COQ5-like
						PDB header: transferase Chain: A: PDB Molecule: s-adenosylmethionine-dependent

76	c4htfA_	Alignment	not modelled	99.9	18	methyitransferase; PDBTitle: crystal structure of s-adenosylmethionine-dependent methyltransferase2 from escherichia coli in complex with s-adenosylmethionine.
77	d1xxla_	Alignment	not modelled	99.9	30	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: UbiE/COQ5-like
78	c4hg2B_	Alignment	not modelled	99.9	24	PDB header: transferase Chain: B: PDB Molecule: methyltransferase type 11; PDBTitle: the structure of a putative type ii methyltransferase from2 anaeromyxobacter dehalogenans.
79	c4xrpF_	Alignment	not modelled	99.9	12	PDB header: protein binding Chain: F: PDB Molecule: hen1; PDBTitle: structure of the pnpk1/rnl/hen1 rna repair complex
80	c6ec3C_	Alignment	not modelled	99.9	23	PDB header: transferase, oxidoreductase Chain: C: PDB Molecule: methyltransferase domain-containing protein; PDBTitle: crystal structure of evdmo1
81	c6d6yA_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: apra methyltransferase 2; PDBTitle: apra methyltransferase 2 - gnat didomain in complex with sah
82	c5t39A_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: evdmo1; PDBTitle: crystal structure of the n-terminal domain of evdmo1 in the presence2 of sah and d-fucose
83	d2fcaa1	Alignment	not modelled	99.9	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TrmB-like
84	c3ocjA_	Alignment	not modelled	99.9	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative exported protein; PDBTitle: the crystal structure of a possibe exported protein from bordetella2 parapertussis
85	c3mq2A_	Alignment	not modelled	99.9	22	PDB header: transferase Chain: A: PDB Molecule: 16s rrna methyltransferase; PDBTitle: crystal structure of 16s rrna methyltransferase kamb
86	c3h2bB_	Alignment	not modelled	99.9	19	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
87	c3ggdA_	Alignment	not modelled	99.9	11	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
88	c3p2kA_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: 16s rrna methylase; PDBTitle: structure of an antibiotic related methyltransferase
89	c3m70A_	Alignment	not modelled	99.9	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: tellurite resistance protein tehb homolog; PDBTitle: crystal structure of tehb from haemophilus influenzae
90	d1xvaa_	Alignment	not modelled	99.9	23	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Glycine N-methyltransferase
91	c3ofkA_	Alignment	not modelled	99.9	21	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)
92	d1r74a_	Alignment	not modelled	99.9	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Glycine N-methyltransferase
93	d1p1ca_	Alignment	not modelled	99.9	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
94	c4xcxA_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: small rna 2'-o-methyltransferase; PDBTitle: methyltransferase domain of small rna 2'-o-methyltransferase
95	c3lecA_	Alignment	not modelled	99.9	11	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	c5ubbA_	Alignment	not modelled	99.9	14	PDB header: transferase Chain: A: PDB Molecule: alpha n-terminal protein methyltransferase 1b; PDBTitle: crystal structure of human alpha n-terminal protein methyltransferase2 1b
97	c6ccaA_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: disa protein; PDBTitle: crystal structure of dsza carbon methyltransferase
98	d1pjza_	Alignment	not modelled	99.9	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Thiopurine S-methyltransferase
99	c6mroA_	Alignment	not modelled	99.9	24	PDB header: transferase Chain: A: PDB Molecule: methyl transferase from methanosarcina acetivorans; PDBTitle: crystal structure of methyl transferase from methanosarcina2 acetivorans at 1.6 angstroms resolution, northeast structural3 genomics consortium (nesh) target mvr53.
						PDB header: transferase Chain: B: PDB Molecule: s-adenosylmethionine dependent

100	c3bkwB_	Alignment	not modelled	99.9	25	methyltransferase; PDBTitle: crystal structure of s-adenosylmethionine dependent methyltransferase2 (np_104914.1) from mesorhizobium loti at 1.60 a resolution
101	c3cggB_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: B: PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of tehb-like sam-dependent methyltransferase2 (np_600671.1) from corynebacterium glutamicum atcc 13032 kitasato at3 2.00 a resolution
102	c3eeyL_	Alignment	not modelled	99.9	18	PDB header: transferase Chain: J: PDB Molecule: putative rrna methylase; PDBTitle: crystal structure of putative rrna-methylase from clostridium2 thermocellum
103	d2a14a1	Alignment	not modelled	99.9	23	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Arylamine N-methyltransferase
104	c5u18A_	Alignment	not modelled	99.9	29	PDB header: transferase Chain: A: PDB Molecule: n-3" methyltransferase; PDBTitle: crystal structure of a methyltransferase involved in the biosynthesis2 of gentamicin in complex with the geneticin
105	c3jwgA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: methyltransferase type 12; PDBTitle: crystal structure analysis of the methyltransferase domain of2 bacterial-cthen1-c
106	c3gnlB_	Alignment	not modelled	99.9	12	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
107	c5je0B_	Alignment	not modelled	99.9	25	PDB header: transferase Chain: B: PDB Molecule: methyl transferase; PDBTitle: crystal structure of burkholderia glumae toxa with bound s-2 adenosylhomocysteine (sah) and 1,6-didemethyltoxoflavin
108	c2pxxA_	Alignment	not modelled	99.9	23	PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein mgc2408; PDBTitle: human putative methyltransferase mgc2408
109	c3ku1E_	Alignment	not modelled	99.9	9	PDB header: transferase Chain: E: PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of burkholderia glumae toxa with bound s-2 adenosylhomocysteine (sah) and 1,6-didemethyltoxoflavin
110	c3dxyA_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: trna (guanine-n(7)-)-methyltransferase; PDBTitle: crystal structure of ectrmb in complex with sam
111	c3dmgA_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: probable ribosomal rna small subunit methyltransferase; PDBTitle: t. thermophilus 16s rrna n2 g1207 methyltransferase (rsmc) in complex2 with adohcy
112	c3mtiA_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: rrna methylase; PDBTitle: the crystal structure of a rrna methylase from streptococcus2 thermophilus to 1.95a
113	c2p8jA_	Alignment	not modelled	99.9	25	PDB header: transferase Chain: A: PDB Molecule: s-adenosylmethionine-dependent methyltransferase; PDBTitle: crystal structure of s-adenosylmethionine-dependent methyltransferase2 (np_349143.1) from clostridium acetobutylicum at 2.00 a resolution
114	d1m6ya2	Alignment	not modelled	99.9	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: MraW-like putative methyltransferases
115	c4dcmA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: ribosomal rna large subunit methyltransferase g; PDBTitle: crystal structure of methyltransferase rimg modifying g1835 of 23s2 rrna in escherichia coli
116	c5thyB_	Alignment	not modelled	99.9	21	PDB header: transferase,lyase Chain: B: PDB Molecule: curj; PDBTitle: crystal structure of semet-substituted curj carbon methyltransferase
117	d2p7ia1	Alignment	not modelled	99.9	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: UbiE/COQ5-like
118	c2p35A_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: trans-aconitate 2-methyltransferase; PDBTitle: crystal structure of trans-aconitate methyltransferase from2 agrobacterium tumefaciens
119	d1d2ha_	Alignment	not modelled	99.9	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Glycine N-methyltransferase
120	c4rvgA_	Alignment	not modelled	99.9	12	PDB header: transferase Chain: A: PDB Molecule: d-mycarose 3-c-methyltransferase; PDBTitle: crystal structure of mtmc in complex with sam and tdp