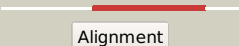









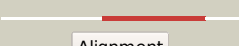






















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2601_(speE)_2928398_2929969
Date	Wed Aug 7 12:50:24 BST 2019
Unique Job ID	ce90f9ffc41ecdb5

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1uira_	 Alignment		100.0	31	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase
2	c2q41D_	 Alignment		100.0	33	PDB header: transferase Chain: D: PDB Molecule: spermidine synthase 1; PDBTitle: ensemble refinement of the protein crystal structure of spermidine2 synthase from arabidopsis thaliana gene at1g23820
3	d1xj5a_	 Alignment		100.0	32	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase
4	d1inla_	 Alignment		100.0	25	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase
5	c3bwbA_	 Alignment		100.0	27	PDB header: transferase Chain: A: PDB Molecule: spermidine synthase; PDBTitle: crystal structure of the apo form of spermidine synthase from2 trypanosoma cruzi at 2.5 a resolution
6	c6qmmA_	 Alignment		100.0	31	PDB header: transferase Chain: A: PDB Molecule: polyamine aminopropyltransferase; PDBTitle: crystal structure of synecochoccus spermidine synthase in complex with2 putrescine, spermidine and mta
7	c6bq6B_	 Alignment		100.0	32	PDB header: transferase Chain: B: PDB Molecule: thermospermine synthase; PDBTitle: crystal structure of medicago truncatula thermospermine synthase2 (mttsp2) in complex with thermospermine
8	d1iy9a_	 Alignment		100.0	24	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase
9	d1mjfa_	 Alignment		100.0	29	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase
10	d2b2ca1	 Alignment		100.0	28	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase
11	d2o07a1	 Alignment		100.0	28	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase

12	c2pssC_	Alignment		100.0	30	PDB header: transferase Chain: C: PDB Molecule: spermidine synthase; PDBTitle: the structure of plasmodium falciparum spermidine synthase in its apo-2 form
13	c2hteB_	Alignment		100.0	29	PDB header: transferase Chain: B: PDB Molecule: spermidine synthase; PDBTitle: the crystal structure of spermidine synthase from p. falciparum in2 complex with 5'-methylthioadenosine
14	c3adnB_	Alignment		100.0	27	PDB header: transferase Chain: B: PDB Molecule: spermidine synthase; PDBTitle: crystal structure of spermidine synthase from e. coli.
15	c2cmgA_	Alignment		100.0	13	PDB header: transferase Chain: A: PDB Molecule: spermidine synthase; PDBTitle: crystal structure of spermidine synthase from helicobacter2 pylori
16	c3c6kC_	Alignment		100.0	24	PDB header: transferase Chain: C: PDB Molecule: spermine synthase; PDBTitle: crystal structure of human spermine synthase in complex2 with spermidine and 5-methylthioadenosine
17	c3gqvA_	Alignment		100.0	22	PDB header: transferase Chain: A: PDB Molecule: spermidine synthase; PDBTitle: crystal structure of a probable spermidine synthase from2 corynebacterium glutamicum atcc 13032
18	c5wcjA_	Alignment		99.9	15	PDB header: transferase Chain: A: PDB Molecule: methyltransferase-like protein 13; PDBTitle: crystal structure of human methyltransferase-like protein 13 in2 complex with sah
19	c2b78A_	Alignment		99.3	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein smu.776; PDBTitle: a putative sam-dependent methyltransferase from streptococcus mutans
20	d2b78a2	Alignment		99.3	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
21	c3vseA_	Alignment	not modelled	99.2	15	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of methyltransferase
22	c3c0kB_	Alignment	not modelled	99.2	19	PDB header: transferase Chain: B: PDB Molecule: upf0064 protein yccw; PDBTitle: crystal structure of a ribosomal rna methyltransferase
23	c5n5dA_	Alignment	not modelled	99.2	26	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
24	d2igta1	Alignment	not modelled	99.2	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
25	c3tr6A_	Alignment	not modelled	99.1	18	PDB header: transferase Chain: A: PDB Molecule: o-methyltransferase; PDBTitle: structure of a o-methyltransferase from coxiella burnetii
26	c3tfwB_	Alignment	not modelled	99.1	22	PDB header: transferase Chain: B: PDB Molecule: putative o-methyltransferase; PDBTitle: crystal structure of a putative o-methyltransferase from klebsiella2 pneumoniae
27	c3cbgA_	Alignment	not modelled	99.1	22	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
28	d2as0a2	Alignment	not modelled	99.1	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases

					Family: hypothetical RNA methyltransferase
29	c3duwB	Alignment	not modelled	99.1	24 PDB header: transferase Chain: B: PDB Molecule: o-methyltransferase, putative; PDBTitle: crystal structural analysis of the o-methyltransferase from2 bacillus cereus in complex sah
30	c4oa8A	Alignment	not modelled	99.1	18 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
31	d1zx0a1	Alignment	not modelled	99.1	21 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
32	d2avda1	Alignment	not modelled	99.1	26 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: COMT-like
33	c1wxwA	Alignment	not modelled	99.1	16 PDB header: transferase Chain: A: PDB Molecule: hypothetical protein ttha1280; PDBTitle: crystal structure of tt1595, a putative sam-dependent2 methyltransferase from thermus thermophilus hb8
34	c2as0A	Alignment	not modelled	99.1	14 PDB header: transferase Chain: A: PDB Molecule: hypothetical protein ph1915; PDBTitle: crystal structure of ph1915 (apc 5817): a hypothetical rna2 methyltransferase
35	c3c3yB	Alignment	not modelled	99.1	17 PDB header: transferase Chain: B: PDB Molecule: o-methyltransferase; PDBTitle: crystal structure of pfomt, phenylpropanoid and flavonoid o-2 methyltransferase from m. crystallinum
36	c3dr5A	Alignment	not modelled	99.1	12 PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative o-methyltransferase; PDBTitle: crystal structure of the q8nrd3_corgl protein from corynebacterium2 glutamicum. northeast structural genomics consortium target cgr117.
37	c5x7fA	Alignment	not modelled	99.0	21 PDB header: transferase Chain: A: PDB Molecule: putative o-methyltransferase rv1220c; PDBTitle: structure of a o-methyltransferase from mycobacterium tuberculosis at2 2.0 resolution
38	d1wxxa2	Alignment	not modelled	99.0	17 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
39	c5lhmA	Alignment	not modelled	99.0	20 PDB header: transferase Chain: A: PDB Molecule: putative o-methyltransferase; PDBTitle: crystal structure of safc from myxococcus xanthus apo-form
40	c2gpyB	Alignment	not modelled	99.0	22 PDB header: structural genomics, unknown function Chain: B: PDB Molecule: o-methyltransferase; PDBTitle: crystal structure of putative o-methyltransferase from bacillus2 halodurans
41	c4dmgA	Alignment	not modelled	99.0	18 PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein ttha1493; PDBTitle: thermus thermophilus m5c1942 methyltransferase rlmo
42	d1susa1	Alignment	not modelled	99.0	15 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: COMT-like
43	c3ntvB	Alignment	not modelled	99.0	12 PDB header: transferase Chain: B: PDB Molecule: mw1564 protein; PDBTitle: crystal structure of a putative caffeoyl-coa o-methyltransferase from2 staphylococcus aureus
44	c2e58D	Alignment	not modelled	99.0	16 PDB header: transferase Chain: D: PDB Molecule: mnmc2; PDBTitle: crystal structure of mnmc2 from aquifex aeolicus
45	c5zw3B	Alignment	not modelled	99.0	20 PDB header: rna binding protein Chain: B: PDB Molecule: putative o-methyltransferase yrrm; PDBTitle: crystal structure of trmr from b. subtilis
46	c3v8vB	Alignment	not modelled	98.9	17 PDB header: transferase Chain: B: PDB Molecule: ribosomal rna large subunit methyltransferase I; PDBTitle: crystal structure of bifunctional methyltransferase ycbY (rlmlk) from2 escherichia coli, sam binding
47	c2ozvA	Alignment	not modelled	98.9	17 PDB header: transferase Chain: A: PDB Molecule: hypothetical protein atu0636; PDBTitle: crystal structure of a predicted o-methyltransferase, protein atu6362 from agrobacterium tumefaciens.
48	d1dusa	Alignment	not modelled	98.9	17 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Hypothetical protein MJ0882
49	c4dcmA	Alignment	not modelled	98.9	18 PDB header: transferase Chain: A: PDB Molecule: ribosomal rna large subunit methyltransferase g; PDBTitle: crystal structure of methyltransferase rlmg modifying g1835 of 23s2 rrna in escherichia coli
50	c2hncC	Alignment	not modelled	98.9	20 PDB header: transferase Chain: C: PDB Molecule: sam-dependent o-methyltransferase; PDBTitle: crystal structure of sam-dependent o-methyltransferase from pathogenic2 bacterium leptospira interrogans
51	d1p1ca	Alignment	not modelled	98.9	22 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
52	c4ymhB	Alignment	not modelled	98.9	16 PDB header: transferase Chain: B: PDB Molecule: putative sam-dependent o-methyltransferase; PDBTitle: crystal structure of sah-bound podospira anserina methyltransferase2 pamth1 PDB header: transferase Chain: A: PDB Molecule: probable ribosomal rna small subunit

53	c3dmgA_	Alignment	not modelled	98.9	19	methyltransferase; PDBTitle: t. thermophilus 16s rrna n2 g1207 methyltransferase (rsmc) in complex2 with adohcy
54	d1xcla_	Alignment	not modelled	98.9	21	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
55	c2pjdA_	Alignment	not modelled	98.9	19	PDB header: transferase Chain: A: PDB Molecule: ribosomal rna small subunit methyltransferase c; PDBTitle: crystal structure of 16s rrna methyltransferase rsmc
56	d1nv8a_	Alignment	not modelled	98.9	12	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N5- glutamine methyltransferase, HemK
57	c3r3hA_	Alignment	not modelled	98.8	19	PDB header: transferase Chain: A: PDB Molecule: o-methyltransferase, sam-dependent; PDBTitle: crystal structure of o-methyltransferase from legionella pneumophila
58	d2fcaa1	Alignment	not modelled	98.8	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TrmB-like
59	d1yzha1	Alignment	not modelled	98.8	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TrmB-like
60	c5u18A_	Alignment	not modelled	98.8	21	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
61	c3mb5A_	Alignment	not modelled	98.8	20	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
62	c1yb2A_	Alignment	not modelled	98.8	21	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ta0852; PDBTitle: structure of a putative methyltransferase from thermoplasma2 acidophilum.
63	d1yb2a1	Alignment	not modelled	98.8	21	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
64	c3evzA_	Alignment	not modelled	98.8	19	PDB header: transferase Chain: A: PDB Molecule: methyltransferase; PDBTitle: crystal structure of methyltransferase from pyrococcus furiosus
65	c3axtA_	Alignment	not modelled	98.8	22	PDB header: transferase Chain: A: PDB Molecule: probable n(2),n(2)-dimethylguanosine trna methyltransferase PDBTitle: complex structure of trna methyltransferase trm1 from aquifex aeolicus2 with s-adenosyl-l-methionine
66	d1l3ia_	Alignment	not modelled	98.8	21	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Precorrin-6Y methyltransferase (CbiT)
67	c3jwgA_	Alignment	not modelled	98.7	22	PDB header: transferase Chain: A: PDB Molecule: methyltransferase type 12; PDBTitle: crystal structure analysis of the methyltransferase domain of2 bacterial-cthen1-c
68	c3dxyA_	Alignment	not modelled	98.7	17	PDB header: transferase Chain: A: PDB Molecule: trna (guanine-n(7)-)-methyltransferase; PDBTitle: crystal structure of ectrmb in complex with sam
69	c3lpmA_	Alignment	not modelled	98.7	19	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of putative methyltransferase small domain protein2 from listeria monocytogenes
70	c2yvlB_	Alignment	not modelled	98.7	22	PDB header: transferase Chain: B: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of trna (m1a58) methyltransferase trmi from aquifex2 aeolicus
71	c5do0A_	Alignment	not modelled	98.7	15	PDB header: transferase Chain: A: PDB Molecule: protein lysine methyltransferase 1; PDBTitle: the structure of pkmt1 from rickettsia prowazekii
72	c5dplB_	Alignment	not modelled	98.7	20	PDB header: transferase Chain: B: PDB Molecule: protein lysine methyltransferase 2; PDBTitle: the structure of pkmt2 from rickettsia typhi in complex with adohcy
73	c4ineB_	Alignment	not modelled	98.7	20	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
74	c3e05B_	Alignment	not modelled	98.7	22	PDB header: transferase Chain: B: PDB Molecule: precorrin-6y c5,15-methyltransferase (decarboxylating); PDBTitle: crystal structure of precorrin-6y c5,15-methyltransferase from2 geobacter metallireducens gs-15
75	c5zy5B_	Alignment	not modelled	98.7	18	PDB header: transferase Chain: B: PDB Molecule: probable catechol o-methyltransferase 1; PDBTitle: spcomt apo structure
76	d2dula1	Alignment	not modelled	98.7	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TRM1-like
77	d1o54a_	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
						PDB header: transferase Chain: A: PDB Molecule: trna (guanine(37)-n1)-methyltransferase

78	c5hjmA	Alignment	not modelled	98.7	13	trm5a; PDBTitle: crystal structure of pyrococcus abyssi trm5a complexed with mta
79	c4iscA	Alignment	not modelled	98.7	21	PDB header: transferase Chain: A; PDB Molecule: methyltransferase; PDBTitle: crystal structure of a putative methyltransferase from pseudomonas2 syringae
80	d1dl5a1	Alignment	not modelled	98.7	21	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
81	d2nxca1	Alignment	not modelled	98.7	21	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Ribosomal protein L11 methyltransferase PrmA
82	d2cl5a1	Alignment	not modelled	98.6	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: COMT-like
83	c6gkvB	Alignment	not modelled	98.6	19	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
84	c6bqcA	Alignment	not modelled	98.6	17	PDB header: transferase Chain: A; PDB Molecule: cyclopropane-fatty-acyl-phospholipid synthase; PDBTitle: cyclopropane fatty acid synthase from e. coli
85	d2ex4a1	Alignment	not modelled	98.6	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: AD-003 protein-like
86	c3fpjA	Alignment	not modelled	98.6	18	PDB header: biosynthetic protein, transferase Chain: A; PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of e81q mutant of mtas in complex with s-2 adenosylmethionine
87	c1dl5A	Alignment	not modelled	98.6	23	PDB header: transferase Chain: A; PDB Molecule: protein-l-isoaspartate o-methyltransferase; PDBTitle: protein-l-isoaspartate o-methyltransferase
88	c3tm4A	Alignment	not modelled	98.6	17	PDB header: transferase Chain: A; PDB Molecule: trna (guanine n2-)-methyltransferase trm14; PDBTitle: crystal structure of trm14 from pyrococcus furiosus in complex with s-2 adenosylmethionine
89	c5z9oA	Alignment	not modelled	98.6	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
90	c4x1oA	Alignment	not modelled	98.6	14	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
91	c3grzA	Alignment	not modelled	98.6	12	PDB header: transferase Chain: A; PDB Molecule: ribosomal protein l11 methyltransferase; PDBTitle: crystal structure of ribosomal protein l11 methylase from2 lactobacillus delbrueckii subsp. bulgaricus
92	d1i9ga	Alignment	not modelled	98.6	22	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
93	c2vduE	Alignment	not modelled	98.6	17	PDB header: transferase Chain: E; PDB Molecule: trna (guanine-n(7)-)-methyltransferase; PDBTitle: structure of trm8-trm82, the yeast trna m7g methylation2 complex
94	c3c3pC	Alignment	not modelled	98.6	21	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
95	c5ccbA	Alignment	not modelled	98.6	22	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
96	d1xtpa	Alignment	not modelled	98.6	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: AD-003 protein-like
97	d1ilna	Alignment	not modelled	98.6	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
98	c6g4wq	Alignment	not modelled	98.6	17	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
99	c4xcxA	Alignment	not modelled	98.6	16	PDB header: transferase Chain: A; PDB Molecule: small rna 2'-o-methyltransferase; PDBTitle: methyltransferase domain of small rna 2'-o-methyltransferase
100	d1r18a	Alignment	not modelled	98.6	23	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
101	d2esra1	Alignment	not modelled	98.6	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
102	d1r74a	Alignment	not modelled	98.6	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Glycine N-methyltransferase

103	c3a26A	Alignment	not modelled	98.6	14	PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein ph0793; PDBTitle: crystal structure of p. horikoshii tyw2 in complex with2 mesado
104	c3vc2J	Alignment	not modelled	98.6	13	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
105	c2esrB	Alignment	not modelled	98.6	21	PDB header: transferase Chain: B: PDB Molecule: methyltransferase; PDBTitle: conserved hypothetical protein- streptococcus pyogenes
106	d1l1ea	Alignment	not modelled	98.6	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
107	c5yacA	Alignment	not modelled	98.6	17	PDB header: rna binding protein Chain: A: PDB Molecule: trna (guanine(37)-n1)-methyltransferase trm5b; PDBTitle: crystal structure of wt trm5b from pyrococcus abyssi
108	c2pbfA	Alignment	not modelled	98.6	11	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
109	c3ofkA	Alignment	not modelled	98.6	14	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)
110	d2fpoa1	Alignment	not modelled	98.6	26	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
111	d2b3ta1	Alignment	not modelled	98.5	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N5- glutamine methyltransferase, HemK
112	c3g5tA	Alignment	not modelled	98.5	17	PDB header: transferase Chain: A: PDB Molecule: trans-aconitate 3-methyltransferase; PDBTitle: crystal structure of trans-aconitate 3-methyltransferase from yeast
113	c6h1dA	Alignment	not modelled	98.5	18	PDB header: gene regulation Chain: A: PDB Molecule: hemk methyltransferase family member 2; PDBTitle: crystal structure of c21orf127-trmt112 in complex with sah
114	c6ecvB	Alignment	not modelled	98.5	18	PDB header: transferase Chain: B: PDB Molecule: stid protein; PDBTitle: stid o-mt residues 976-1266
115	c3njrB	Alignment	not modelled	98.5	21	PDB header: transferase Chain: B: PDB Molecule: precocorrin-6y methylase; PDBTitle: crystal structure of c-terminal domain of precocorrin-6y c5,15-2 methyltransferase from rhodobacter capsulatus
116	c2fk8A	Alignment	not modelled	98.5	15	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
117	d1tpya	Alignment	not modelled	98.5	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
118	c4p7cB	Alignment	not modelled	98.5	18	PDB header: transferase Chain: B: PDB Molecule: trna (mo5u34)-methyltransferase; PDBTitle: crystal structure of putative methyltransferase from pseudomonas2 syringae pv. tomato
119	c2yxdA	Alignment	not modelled	98.5	16	PDB header: transferase Chain: A: PDB Molecule: probable cobalt-precocorrin-6y c(15)-methyltransferase PDBTitle: crystal structure of cobalamin biosynthesis precocorrin 8w decarboxylase2 (cbit)
120	c4krhB	Alignment	not modelled	98.5	25	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