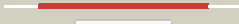

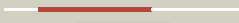














Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3037c_(-)_3397225_3398301
Date	Thu Aug 8 16:20:21 BST 2019
Unique Job ID	8de3b8ecf5d3c95a

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3ll7A_	 Alignment		100.0	22	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of putative methyltransferase pg_1098 from2 porphyromonas gingivalis w83
2	c3egiA_	 Alignment		99.9	23	PDB header: transferase Chain: A: PDB Molecule: trimethylguanosine synthase homolog; PDBTitle: methyltransferase domain of human trimethylguanosine synthase tgs12 bound to m7gpppa (inactive form)
3	c3gdhC_	 Alignment		99.9	21	PDB header: transferase Chain: C: PDB Molecule: trimethylguanosine synthase homolog; PDBTitle: methyltransferase domain of human trimethylguanosine synthase 1 (tgs1)2 bound to m7gtp and adenosyl-homocysteine (active form)
4	c2vs1A_	 Alignment		99.7	20	PDB header: transferase Chain: A: PDB Molecule: uncharacterized rna methyltransferase pyrab10780; PDBTitle: the crystal structure of pyrococcus abyssi trna (uracil-54, c5)-2 methyltransferase in complex with s-adenosyl-l-homocysteine
5	d2igtal	 Alignment		99.7	13	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
6	c1uwvA_	 Alignment		99.6	18	PDB header: transferase Chain: A: PDB Molecule: 23s rna (uracil-5-)-methyltransferase ruma; PDBTitle: crystal structure of ruma, the iron-sulfur cluster2 containing e. coli 23s ribosomal rna 5-methyluridine3 methyltransferase
7	d1uwva2	 Alignment		99.6	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: (Uracil-5-)-methyltransferase
8	d2oyra1	 Alignment		99.6	28	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhiQ-like
9	d1wy7a1	 Alignment		99.6	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Ta1320-like
10	c5xj2C_	 Alignment		99.6	14	PDB header: transferase/rna Chain: C: PDB Molecule: uncharacterized rna methyltransferase sp_1029; PDBTitle: structure of sprlmcid with u747 rna
11	c3vseA_	 Alignment		99.5	13	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of methyltransferase

12	c3bt7A_	Alignment		99.5	18	PDB header: transferase/rna Chain: A: PDB Molecule: trna (uracil-5-)-methyltransferase; PDBTitle: structure of e. coli 5-methyluridine methyltransferase trna in complex2 with 19 nucleotide t-arm analogue
13	d2as0a2	Alignment		99.5	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
14	c1wxwA_	Alignment		99.5	22	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein ttha1280; PDBTitle: crystal structure of tt1595, a putative sam-dependent2 methyltransferase from thermus thermophilus hb8
15	c4dmgA_	Alignment		99.5	17	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein ttha1493; PDBTitle: thermus thermophilus m5c1942 methyltransferase rlmo
16	d2pkwa1	Alignment		99.5	27	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhiQ-like
17	c2r6zA_	Alignment		99.5	22	PDB header: transferase Chain: A: PDB Molecule: upf0341 protein in rsp 3' region; PDBTitle: crystal structure of the sam-dependent methyltransferase ngo1261 from2 neisseria gonorrhoeae, northeast structural genomics consortium3 target ngr48
18	c3c0kB_	Alignment		99.5	14	PDB header: transferase Chain: B: PDB Molecule: upf0064 protein yccw; PDBTitle: crystal structure of a ribosomal rna methyltransferase
19	d1wxxa2	Alignment		99.5	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
20	c2b78A_	Alignment		99.5	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein smu.776; PDBTitle: a putative sam-dependent methyltransferase from streptococcus mutans
21	c6h2uA_	Alignment	not modelled	99.5	25	PDB header: transferase Chain: A: PDB Molecule: methyltransferase-like protein 5; PDBTitle: crystal structure of human mettl5-trmt112 complex, the 18s rrna2 m6a1832 methyltransferase at 1.6a resolution
22	d2fpoa1	Alignment	not modelled	99.5	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
23	c3dmgA_	Alignment	not modelled	99.5	20	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
24	c5yacA_	Alignment	not modelled	99.5	14	PDB header: rna binding protein Chain: A: PDB Molecule: trna (guanine(37)-n1)-methyltransferase trm5b; PDBTitle: crystal structure of wt trm5b from pyrococcus abyssi
25	c3v8vB_	Alignment	not modelled	99.4	22	PDB header: transferase Chain: B: PDB Molecule: ribosomal rna large subunit methyltransferase I; PDBTitle: crystal structure of bifunctional methyltransferase ycbj (rlmlk) from2 escherichia coli, sam binding
26	c2as0A_	Alignment	not modelled	99.4	14	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein ph1915; PDBTitle: crystal structure of ph1915 (apc 5817): a hypothetical rna2 methyltransferase
27	c5u18A_	Alignment	not modelled	99.4	20	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
28	d3h78a2	Alignment	not modelled	99.4	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent

28	c2v70aZ	Alignment	not modelled	99.4	10	methyltransferases Family: hypothetical RNA methyltransferase
29	c2yxda_	Alignment	not modelled	99.4	12	PDB header: transferase Chain: A; PDB Molecule: probable cobalt-precorrin-6y c(15)-methyltransferase PDBTitle: crystal structure of cobalamin biosynthesis precorrin 8w decarboxylase2 (cbit)
30	d1nv8a_	Alignment	not modelled	99.4	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N5-glutamine methyltransferase, HemK
31	d2fhpa1	Alignment	not modelled	99.4	12	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
32	c6jz7D_	Alignment	not modelled	99.4	20	PDB header: transferase Chain: D; PDB Molecule: n(4)-bis(aminopropyl)spermidine synthase; PDBTitle: crystal structure of the branched-chain polyamine synthase from <i>Thermus thermophilus</i> (tth-bpsa) in complex with n4-3 aminopropylspermidine and 5'-methylthioadenosine
33	c2esrB_	Alignment	not modelled	99.4	15	PDB header: transferase Chain: B; PDB Molecule: methyltransferase; PDBTitle: conserved hypothetical protein- <i>Streptococcus pyogenes</i>
34	c3p9nA_	Alignment	not modelled	99.4	25	PDB header: transferase Chain: A; PDB Molecule: possible methyltransferase (methylase); PDBTitle: rv2966c of <i>M. tuberculosis</i> is a rsmD-like methyltransferase
35	c5t39A_	Alignment	not modelled	99.4	16	PDB header: transferase Chain: A; PDB Molecule: evdm01; PDBTitle: crystal structure of the n-terminal domain of evdm01 in the presence of sah and d-fucose
36	c4azwA_	Alignment	not modelled	99.3	12	PDB header: transferase Chain: A; PDB Molecule: wbdd; PDBTitle: crystal structure of monomeric wbdd.
37	d2frna1	Alignment	not modelled	99.3	11	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Met-10+ protein-like
38	d2esra1	Alignment	not modelled	99.3	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
39	c6h1dA_	Alignment	not modelled	99.3	13	PDB header: gene regulation Chain: A; PDB Molecule: hemk methyltransferase family member 2; PDBTitle: crystal structure of c21orf127-trmt112 in complex with sah
40	c3grzA_	Alignment	not modelled	99.3	18	PDB header: transferase Chain: A; PDB Molecule: ribosomal protein l11 methyltransferase; PDBTitle: crystal structure of ribosomal protein l11 methylase from <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>
41	d2nxca1	Alignment	not modelled	99.3	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Ribosomal protein L11 methyltransferase PrmA
42	c3lbfC_	Alignment	not modelled	99.3	13	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>
43	c3lbyA_	Alignment	not modelled	99.3	17	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
44	c4necC_	Alignment	not modelled	99.3	30	PDB header: transferase/antibiotic Chain: C; PDB Molecule: putative sam-dependent methyltransferase; PDBTitle: conversion of a disulfide bond into a thioacetal group during echinomycin biosynthesis
45	d2ifta1	Alignment	not modelled	99.3	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
46	c5hjmA_	Alignment	not modelled	99.3	13	PDB header: transferase Chain: A; PDB Molecule: trna (guanine(37)-n1)-methyltransferase trm5a; PDBTitle: crystal structure of <i>Pyrococcus abyssi</i> trm5a complexed with mta
47	c3e05B_	Alignment	not modelled	99.3	17	PDB header: transferase Chain: B; PDB Molecule: precorrin-6y c5,15-methyltransferase (decarboxylating); PDBTitle: crystal structure of precorrin-6y c5,15-methyltransferase from <i>Geobacter metallireducens</i> gs-15
48	c2yx1A_	Alignment	not modelled	99.3	16	PDB header: transferase Chain: A; PDB Molecule: hypothetical protein mj0883; PDBTitle: crystal structure of <i>M. jannaschii</i> trna m1g37 methyltransferase
49	c6q56C_	Alignment	not modelled	99.3	13	PDB header: rna binding protein Chain: C; PDB Molecule: trna (adenine(22)-n(1))-methyltransferase; PDBTitle: crystal structure of the <i>B. subtilis</i> m1a22 trna methyltransferase trmk
50	d1l3ia_	Alignment	not modelled	99.3	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Precorrin-6Y methyltransferase (CbIT)
51	c2pjdA_	Alignment	not modelled	99.3	20	PDB header: transferase Chain: A; PDB Molecule: ribosomal rna small subunit methyltransferase c; PDBTitle: crystal structure of 16s rRNA methyltransferase rsmc Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like

52	d1dusa_	Alignment	not modelled	99.3	16	Supersfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Hypothetical protein MJ0882
53	c3a26A_	Alignment	not modelled	99.3	14	PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein ph0793; PDBTitle: crystal structure of p. horikoshii tyw2 in complex with2 mesado
54	c3lecA_	Alignment	not modelled	99.3	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
55	c3ku1E_	Alignment	not modelled	99.3	16	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
56	c3evzA_	Alignment	not modelled	99.3	18	PDB header: transferase Chain: A: PDB Molecule: methyltransferase; PDBTitle: crystal structure of methyltransferase from pyrococcus furiosus
57	d1ws6a1	Alignment	not modelled	99.3	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Supersfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
58	c3m70A_	Alignment	not modelled	99.3	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: tellurite resistance protein tehb homolog; PDBTitle: crystal structure of tehb from haemophilus influenzae
59	c3gnlB_	Alignment	not modelled	99.3	11	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
60	d1ne2a_	Alignment	not modelled	99.2	24	Fold: S-adenosyl-L-methionine-dependent methyltransferases Supersfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Ta1320-like
61	c4azsA_	Alignment	not modelled	99.2	12	PDB header: transferase Chain: A: PDB Molecule: methyltransferase wbdd; PDBTitle: high resolution (2.2 a) crystal structure of wbdd.
62	c3lpmA_	Alignment	not modelled	99.2	14	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of putative methyltransferase small domain protein2 from listeria monocytogenes
63	d2b3ta1	Alignment	not modelled	99.2	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Supersfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N5- glutamine methyltransferase, HemK
64	c2yxeB_	Alignment	not modelled	99.2	15	PDB header: transferase Chain: B: PDB Molecule: protein-l-isoaspartate o-methyltransferase; PDBTitle: crystal structure of l-isoaspartyl protein carboxyl methyltransferase
65	d1jg1a_	Alignment	not modelled	99.2	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Supersfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
66	c3mtiA_	Alignment	not modelled	99.2	21	PDB header: transferase Chain: A: PDB Molecule: rrna methylase; PDBTitle: the crystal structure of a rna methylase from streptococcus2 thermophilus to 1.95a
67	c4krhB_	Alignment	not modelled	99.2	16	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
68	c2yx1A_	Alignment	not modelled	99.2	19	PDB header: transferase Chain: A: PDB Molecule: 450aa long hypothetical fmu protein; PDBTitle: crystal structure of ph0851
69	c3a27A_	Alignment	not modelled	99.2	13	PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein mj1557; PDBTitle: crystal structure of m. jannaschii tyw2 in complex with2 adomet
70	d1vbfA_	Alignment	not modelled	99.2	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Supersfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
71	c6b92A_	Alignment	not modelled	99.2	10	PDB header: transferase Chain: A: PDB Molecule: u6 small nuclear rna (adenine-(43)-n(6))-methyltransferase; PDBTitle: crystal structure of the n-terminal domain of human mettl16 in complex2 with sah
72	c6qe6A_	Alignment	not modelled	99.2	13	PDB header: transferase Chain: A: PDB Molecule: trna (adenine(22)-n(1))-methyltransferase; PDBTitle: structure of m. capricolum trmk in complex with the natural cofactor2 product s-adenosyl-homocysteine (sah)
73	c6em5q_	Alignment	not modelled	99.2	14	PDB header: ribosome Chain: Q: PDB Molecule: 60s ribosomal protein l18-a; PDBTitle: state d architectural model (nsa1-tap flag-ytm1) - visualizing the2 assembly pathway of nucleolar pre-60s ribosomes
74	c4dcmA_	Alignment	not modelled	99.2	20	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
75	c3mb5A_	Alignment	not modelled	99.2	18	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
76	c2ozvA_	Alignment	not modelled	99.2	15	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein atu0636; PDBTitle: crystal structure of a predicted o-methyltransferase,

					protein atu6362 from agrobacterium tumefaciens.
77	c4l7vA	Alignment	not modelled	99.2	14 PDB header: transferase Chain: A: PDB Molecule: protein-l-isoaspartate o-methyltransferase; PDBTitle: crystal structure of protein l-isoaspartyl-o-methyltransferase of2 vibrio cholerae
78	c1yb2A	Alignment	not modelled	99.2	15 PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ta0852; PDBTitle: structure of a putative methyltransferase from thermoplasma2 acidophilum.
79	d1yb2a1	Alignment	not modelled	99.2	15 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
80	d2h00a1	Alignment	not modelled	99.2	8 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Methyltransferase 10 domain
81	c1dl5A	Alignment	not modelled	99.2	15 PDB header: transferase Chain: A: PDB Molecule: protein-l-isoaspartate o-methyltransferase; PDBTitle: protein-l-isoaspartate o-methyltransferase
82	c3lcvB	Alignment	not modelled	99.2	16 PDB header: transferase Chain: B: PDB Molecule: sisomicin-gentamicin resistance methylase sgm; PDBTitle: crystal structure of antibiotic related methyltransferase
83	d1o54a	Alignment	not modelled	99.2	13 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
84	c2fk8A	Alignment	not modelled	99.2	18 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
85	d1dl5a1	Alignment	not modelled	99.2	16 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
86	c6ec3C	Alignment	not modelled	99.2	17 PDB header: transferase, oxidoreductase Chain: C: PDB Molecule: methyltransferase domain-containing protein; PDBTitle: crystal structure of evdm01
87	c3njrB	Alignment	not modelled	99.2	13 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
88	c5e72A	Alignment	not modelled	99.2	25 PDB header: transferase Chain: A: PDB Molecule: n2, n2-dimethylguanosine trna methyltransferase; PDBTitle: crystal structure of the archaeal trna m2g/m22g10 methyltransferase2 (atrm11) in complex with s-adenosyl-l-methionine (sam) from3 thermococcus kodakarensis
89	d1ixka	Alignment	not modelled	99.2	21 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: NOL1/NOP2/sun
90	c6gkvB	Alignment	not modelled	99.2	14 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
91	c5ergB	Alignment	not modelled	99.2	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
92	d1sqqa2	Alignment	not modelled	99.2	24 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: NOL1/NOP2/sun
93	c5dplB	Alignment	not modelled	99.1	14 PDB header: transferase Chain: B: PDB Molecule: protein lysine methyltransferase 2; PDBTitle: the structure of pkmt2 from rickettsia typhi in complex with adohcy
94	c5kn4B	Alignment	not modelled	99.1	12 PDB header: transferase Chain: B: PDB Molecule: pavine n-methyltransferase; PDBTitle: pavine n-methyltransferase apoenzyme ph 6.0
95	c1sqgA	Alignment	not modelled	99.1	25 PDB header: transferase Chain: A: PDB Molecule: sun protein; PDBTitle: the crystal structure of the e. coli fmu apoenzyme at 1.652 a resolution
96	c3fzgA	Alignment	not modelled	99.1	13 PDB header: transferase Chain: A: PDB Molecule: 16s rrna methylase; PDBTitle: structure of the 16s rrna methylase arma
97	d2b9ea1	Alignment	not modelled	99.1	25 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: NOL1/NOP2/sun
98	d1yzha1	Alignment	not modelled	99.1	13 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TrmB-like
99	c5zvdB	Alignment	not modelled	99.1	17 PDB header: rna binding protein Chain: B: PDB Molecule: 389aa long hypothetical nucleolar protein; PDBTitle: the crystal structure of nsun6 from pyrococcus horikoshii
100	c6bqcA	Alignment	not modelled	99.1	19 PDB header: transferase Chain: A: PDB Molecule: cyclopropane-fatty-acyl-phospholipid synthase; PDBTitle: cyclopropane fatty acid synthase from e. coli
101	d1zq9a1	Alignment	not modelled	99.1	19 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases

						Family: rRNA adenine dimethylase-like
102	c5ccbA_	Alignment	not modelled	99.1	15	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 with 2 trna3lys and sah
103	d1jsxa_	Alignment	not modelled	99.1	13	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Glucose-inhibited division protein B (GidB)
104	d1kpia_	Alignment	not modelled	99.1	13	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
105	d2fk8a1	Alignment	not modelled	99.1	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
106	c3b89A_	Alignment	not modelled	99.1	16	PDB header: transferase Chain: A: PDB Molecule: 16s rRNA methylase; PDBTitle: crystal structure of rRNA methylase from escherichia coli
107	c6pi9A_	Alignment	not modelled	99.1	19	PDB header: transferase Chain: A: PDB Molecule: 16s rRNA (guanine(1405)-n(7))-methyltransferase; PDBTitle: crystal structure of 16s rRNA methylase rmtf in complex with s-2 adenosyl-L-homocysteine
108	c4ineB_	Alignment	not modelled	99.1	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 and 3 phosphoethanolamine
109	c2yvlB_	Alignment	not modelled	99.1	17	PDB header: transferase Chain: B: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of trna (m1a58) methyltransferase trmi from aquifex2 aeolicus
110	c3axtA_	Alignment	not modelled	99.1	13	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
111	c3tm4A_	Alignment	not modelled	99.1	21	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
112	c5wp5A_	Alignment	not modelled	99.1	21	PDB header: transferase Chain: A: PDB Molecule: phosphomethylethanolamine n-methyltransferase 2; PDBTitle: arabidopsis thaliana phosphoethanolamine n-methyltransferase 22 (atpmt2) in complex with sah
113	d1i1na_	Alignment	not modelled	99.1	11	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
114	c3vc2J_	Alignment	not modelled	99.1	13	PDB header: transferase Chain: J: PDB Molecule: geranyl diphosphate 2-c-methyltransferase; PDBTitle: crystal structure of geranyl diphosphate c-methyltransferase from streptomyces coelicolor a3(2) in complex with mg2+, geranyl3 diphosphate, and s-adenosyl-L-homocysteine
115	d1l1ea_	Alignment	not modelled	99.1	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
116	c3eeyJ_	Alignment	not modelled	99.1	21	PDB header: transferase Chain: J: PDB Molecule: putative rRNA methylase; PDBTitle: crystal structure of putative rRNA-methylase from clostridium2 thermocellum
117	c5do0A_	Alignment	not modelled	99.1	15	PDB header: transferase Chain: A: PDB Molecule: protein lysine methyltransferase 1; PDBTitle: the structure of pkmt1 from rickettsia prowazekii
118	c5z9oA_	Alignment	not modelled	99.1	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
119	c3m33B_	Alignment	not modelled	99.1	19	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: the crystal structure of a functionally unknown protein from deinococcus radiodurans r1
120	d1p1ca_	Alignment	not modelled	99.1	7	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase