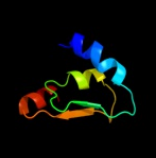
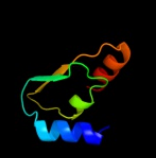


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P28638
Date	Thu Jan 5 11:45:07 GMT 2012
Unique Job ID	1c116336b7d464ae

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1nw6A_	 Alignment		100.0	31	PDB header: transferase Chain: A: PDB Molecule: modification methylase rsri; PDBTitle: structure of the beta class n6-adenine dna methyltransferase rsri2 bound to sinefungin
2	d1eg2a_	 Alignment		100.0	31	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Type II DNA methylase
3	d1g60a_	 Alignment		100.0	32	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Type II DNA methylase
4	d1booa_	 Alignment		100.0	23	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Type II DNA methylase
5	c2zifB_	 Alignment		100.0	26	PDB header: transferase Chain: B: PDB Molecule: putative modification methylase; PDBTitle: crystal structure of ttha0409, putative dna modification2 methylase from thermus thermophilus hb8- complexed with s-3 adenosyl-l-methionine
6	c3lduA_	 Alignment		98.7	25	PDB header: transferase Chain: A: PDB Molecule: putative methylase; PDBTitle: the crystal structure of a possible methylase from2 clostridium difficile 630.
7	c3k0bA_	 Alignment		98.7	26	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: predicted n6-adenine-specific dna methylase; PDBTitle: crystal structure of a predicted n6-adenine-specific dna methylase2 from listeria monocytogenes str. 4b f2365
8	c3ldgA_	 Alignment		98.7	26	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein smu.472; PDBTitle: crystal structure of smu.472, a putative methyltransferase complexed2 with sah
9	c3gdhC_	 Alignment		98.5	27	PDB header: transferase Chain: C: PDB Molecule: trimethylguanosine synthase homolog; PDBTitle: methyltransferase domain of human trimethylguanosine2 synthase 1 (tgs1) bound to m7gtp and adenosyl-homocysteine3 (active form)
10	d2ar0a1	 Alignment		98.5	32	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N-6 DNA Methylase-like
11	c3egiA_	 Alignment		98.4	25	PDB header: transferase Chain: A: PDB Molecule: trimethylguanosine synthase homolog; PDBTitle: methyltransferase domain of human trimethylguanosine2 synthase tgs1 bound to m7gpppa (inactive form)

12	d2fhpa1	Alignment		98.4	25	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
13	d1wy7a1	Alignment		98.4	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Ta1320-like
14	c3a27A_	Alignment		98.3	19	PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein mj1557; PDBTitle: crystal structure of m. jannaschii tyw2 in complex with2 adomet
15	c3p9nA_	Alignment		98.3	24	PDB header: transferase Chain: A: PDB Molecule: possible methyltransferase (methylase); PDBTitle: rv2966c of m. tuberculosis is a rmsd-like methyltransferase
16	d2okca1	Alignment		98.3	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N-6 DNA Methylase-like
17	c3khkA_	Alignment		98.2	23	PDB header: dna binding protein Chain: A: PDB Molecule: type i restriction-modification system PDBTitle: crystal structure of type-i restriction-modification system2 methylation subunit (mm_0429) from methanosarchina maezi.
18	c3mtiA_	Alignment		98.2	15	PDB header: transferase Chain: A: PDB Molecule: rrna methylase; PDBTitle: the crystal structure of a rna methylase from streptococcus2 thermophilus to 1.95a
19	d2ifta1	Alignment		98.2	23	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
20	d2frna1	Alignment		98.2	23	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Met-10+ protein-like
21	c3a26A_	Alignment	not modelled	98.2	23	PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein ph0793; PDBTitle: crystal structure of p. horikoshii tyw2 in complex with2 mesado
22	c3lkdB_	Alignment	not modelled	98.1	19	PDB header: transferase Chain: B: PDB Molecule: type i restriction-modification system PDBTitle: crystal structure of the type i restriction-modification2 system methyltransferase subunit from streptococcus3 thermophilus, northeast structural genomics consortium4 target sur80
23	c3lpmA_	Alignment	not modelled	98.1	24	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of putative methyltransferase small domain protein2 from listeria monocytogenes
24	d1ws6a1	Alignment	not modelled	98.1	23	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
25	d1ne2a_	Alignment	not modelled	98.1	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Ta1320-like
26	c2yx1A_	Alignment	not modelled	98.0	23	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein mj0883; PDBTitle: crystal structure of m.jannaschii trna m1g37 methyltransferase
27	c1aqjB_	Alignment	not modelled	98.0	20	PDB header: methyltransferase Chain: B: PDB Molecule: adenine-n6-dna-methyltransferase taqi; PDBTitle: structure of adenine-n6-dna-methyltransferase taqi
28	c1g38A_	Alignment	not modelled	98.0	17	PDB header: transferase/dna Chain: A: PDB Molecule: modification methylase taqi;

					PDBTitle: adenine-specific methyltransferase m. taq i/dna complex
29	d2as0a2	Alignment	not modelled	98.0	25 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
30	c3bt7A_	Alignment	not modelled	98.0	9 PDB header: transferase/rna Chain: A: PDB Molecule: trna (uracil-5-)-methyltransferase; PDBTitle: structure of e. coli 5-methyluridine methyltransferase trna2 in complex with 19 nucleotide t-arm analogue
31	c3s1sA_	Alignment	not modelled	98.0	25 PDB header: hydrolase, transferase Chain: A: PDB Molecule: restriction endonuclease bpusi; PDBTitle: characterization and crystal structure of the type iig restriction2 endonuclease bpusi
32	c2esrB_	Alignment	not modelled	98.0	24 PDB header: transferase Chain: B: PDB Molecule: methyltransferase; PDBTitle: conserved hypothetical protein- streptococcus pyogenes
33	d2nxca1	Alignment	not modelled	98.0	26 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Ribosomal protein L11 methyltransferase PrmA
34	d2f8la1	Alignment	not modelled	97.9	16 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N-6 DNA Methylase-like
35	c3njrB_	Alignment	not modelled	97.9	17 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
36	c3grzA_	Alignment	not modelled	97.9	17 PDB header: transferase Chain: A: PDB Molecule: ribosomal protein l11 methyltransferase; PDBTitle: crystal structure of ribosomal protein l11 methylase from2 lactobacillus delbrueckii subsp. bulgaricus
37	d1uwva2	Alignment	not modelled	97.9	19 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: (Uracil-5-)-methyltransferase
38	d2fpoa1	Alignment	not modelled	97.9	23 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
39	c1wg8B_	Alignment	not modelled	97.9	17 PDB header: transferase Chain: B: PDB Molecule: predicted s-adenosylmethionine-dependent PDBTitle: crystal structure of a predicted s-adenosylmethionine-2 dependent methyltransferase tt1512 from thermus3 thermophilus hb8.
40	d1nv8a_	Alignment	not modelled	97.9	16 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N5-glutamine methyltransferase, HemK
41	d2b3ta1	Alignment	not modelled	97.9	13 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: N5-glutamine methyltransferase, HemK
42	c2yvlB_	Alignment	not modelled	97.8	22 PDB header: transferase Chain: B: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of trna (m1a58) methyltransferase trmi from aquifex2 aeolicus
43	d1dusa_	Alignment	not modelled	97.8	17 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Hypothetical protein MJ0882
44	d1wg8a2	Alignment	not modelled	97.8	19 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: MraW-like putative methyltransferases
45	d2ih2a1	Alignment	not modelled	97.8	21 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: DNA methylase TaqI, N-terminal domain
46	d1qama_	Alignment	not modelled	97.8	16 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: rRNA adenine dimethylase-like
47	c2vs1A_	Alignment	not modelled	97.8	24 PDB header: transferase Chain: A: PDB Molecule: uncharacterized rna methyltransferase pyrab10780; PDBTitle: the crystal structure of pyrococcus abyssi trna (uracil-54,2 c5)-methyltransferase in complex with s-adenosyl-l-3 homocysteine
48	c3eeyl_	Alignment	not modelled	97.8	19 PDB header: transferase Chain: J: PDB Molecule: putative rrna methylase; PDBTitle: crystal structure of putative rrna-methylase from clostridium2 thermocellum
49	c1uwvA_	Alignment	not modelled	97.8	19 PDB header: transferase Chain: A: PDB Molecule: 23s rrna (uracil-5-)-methyltransferase ruma; PDBTitle: crystal structure of ruma, the iron-sulfur cluster2 containing e. coli 23s ribosomal rna 5-methyluridine3 methyltransferase
50	d2esra1	Alignment	not modelled	97.8	25 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: YhhF-like
51	d1wxxa2	Alignment	not modelled	97.8	11 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
52	d1l3ia_	Alignment	not modelled	97.8	19 Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Precorrin-6Y methyltransferase (CbiT)

53	c2as0A	Alignment	not modelled	97.7	25	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein ph1915; PDBTitle: crystal structure of ph1915 (apc 5817): a hypothetical rna2 methyltransferase
54	c3fydA	Alignment	not modelled	97.7	14	PDB header: transferase Chain: A: PDB Molecule: probable dimethyladenosine transferase; PDBTitle: crystal structure of dim1 from the thermophilic archeon, 2 methanocaldococcus jannaschi
55	d1zq9a1	Alignment	not modelled	97.7	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: rRNA adenine dimethylase-like
56	d2b78a2	Alignment	not modelled	97.7	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
57	c3grrA	Alignment	not modelled	97.7	14	PDB header: transferase Chain: A: PDB Molecule: dimethyladenosine transferase; PDBTitle: crystal structure of the complex between s-adenosyl homocysteine and 2 methanocaldococcus jannaschi dim1.
58	c3e05B	Alignment	not modelled	97.7	17	PDB header: transferase Chain: B: PDB Molecule: precorrin-6y c5,15-methyltransferase (decarboxylating); PDBTitle: crystal structure of precorrin-6y c5,15-methyltransferase from 2 geobacter metallireducens gs-15
59	d1yzha1	Alignment	not modelled	97.7	13	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TrmB-like
60	d1o9ga	Alignment	not modelled	97.7	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: rRNA methyltransferase AviRa
61	c1m6yA	Alignment	not modelled	97.7	22	PDB header: transferase Chain: A: PDB Molecule: s-adenosyl-methyltransferase mraw; PDBTitle: crystal structure analysis of tm0872, a putative sam-2 dependent methyltransferase, complexed with sah
62	c1wxwA	Alignment	not modelled	97.6	14	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein ttha1280; PDBTitle: crystal structure of tt1595, a putative sam-dependent 2 methyltransferase from thermus thermophilus hb8
63	c3fuxB	Alignment	not modelled	97.6	21	PDB header: transferase Chain: B: PDB Molecule: dimethyladenosine transferase; PDBTitle: t. thermophilus 16s rrna a1518 and a1519 methyltransferase (ksga) in 2 complex with 5'-methylthioadenosine in space group p212121
64	c2yxdA	Alignment	not modelled	97.6	20	PDB header: transferase Chain: A: PDB Molecule: probable cobalt-precorrin-6y c(15)-methyltransferase PDBTitle: crystal structure of cobalamin biosynthesis precorrin 8w decarboxylase2 (cbt)
65	c2b78A	Alignment	not modelled	97.6	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein smu.776; PDBTitle: a putative sam-dependent methyltransferase from 2 streptococcus mutans
66	d1pjza	Alignment	not modelled	97.6	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Thiopurine S-methyltransferase
67	c3gnlB	Alignment	not modelled	97.6	9	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein, duf633, lmof2365_1472; PDBTitle: structure of uncharacterized protein (lmof2365_1472) from 2 listeria monocytogenes serotype 4b
68	c3lecA	Alignment	not modelled	97.6	15	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 2 superfamily from streptococcus agalactiae to 1.8a
69	c3c0kB	Alignment	not modelled	97.6	9	PDB header: transferase Chain: B: PDB Molecule: upf0064 protein yccw; PDBTitle: crystal structure of a ribosomal rna methyltransferase
70	c3evzA	Alignment	not modelled	97.6	15	PDB header: transferase Chain: A: PDB Molecule: methyltransferase; PDBTitle: crystal structure of methyltransferase from pyrococcus furiosus
71	c3g5tA	Alignment	not modelled	97.6	20	PDB header: transferase Chain: A: PDB Molecule: trans-aconitate 3-methyltransferase; PDBTitle: crystal structure of trans-aconitate 3-methyltransferase 2 from yeast
72	d1xj5a	Alignment	not modelled	97.5	23	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Spermidine synthase
73	c3tqsB	Alignment	not modelled	97.5	13	PDB header: transferase Chain: B: PDB Molecule: ribosomal rna small subunit methyltransferase a; PDBTitle: structure of the dimethyladenosine transferase (ksga) from coxiella2 burnetii
74	c3dmgA	Alignment	not modelled	97.5	19	PDB header: transferase Chain: A: PDB Molecule: probable ribosomal rna small subunit methyltransferase; PDBTitle: t. thermophilus 16s rrna n2 g1207 methyltransferase (rsmc) in complex 2 with adohcy
75	d1qyra	Alignment	not modelled	97.5	9	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: rRNA adenine dimethylase-like
76	c3c6kC	Alignment	not modelled	97.5	13	PDB header: transferase Chain: C: PDB Molecule: spermine synthase; PDBTitle: crystal structure of human spermine synthase in complex 2 with spermidine and 5-methylthioadenosine
						Fold: S-adenosyl-L-methionine-dependent methyltransferases

77	d1o54a_	Alignment	not modelled	97.5	23	Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
78	c2q41D_	Alignment	not modelled	97.4	23	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
79	c2h1rA_	Alignment	not modelled	97.4	28	PDB header: transferase Chain: A: PDB Molecule: dimethyladenosine transferase, putative; PDBTitle: crystal structure of a dimethyladenosine transferase from2 plasmodium falciparum
80	c2pwyB_	Alignment	not modelled	97.4	23	PDB header: transferase Chain: B: PDB Molecule: trna (adenine-n(1)-)-methyltransferase; PDBTitle: crystal structure of a mla58 trna methyltransferase
81	d2igta1	Alignment	not modelled	97.4	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: hypothetical RNA methyltransferase
82	d2fcaa1	Alignment	not modelled	97.4	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: TrmB-like
83	d2b25a1	Alignment	not modelled	97.4	20	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
84	c3m33B_	Alignment	not modelled	97.4	15	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: the crystal structure of a functionally unknown protein from2 deinococcus radiodurans r1
85	c2pjdA_	Alignment	not modelled	97.4	20	PDB header: transferase Chain: A: PDB Molecule: ribosomal rna small subunit methyltransferase c; PDBTitle: crystal structure of 16s rrna methyltransferase rsmc
86	c3ku1E_	Alignment	not modelled	97.3	13	PDB header: transferase Chain: E: PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of streptococcus pneumoniae sp1610, a2 putative trna (m1a22) methyltransferase, in complex with s-3 adenosyl-l-methionine
87	c3cggB_	Alignment	not modelled	97.3	22	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
88	c3a4tA_	Alignment	not modelled	97.3	15	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase mj0026; PDBTitle: crystal structure of atm4 from m.jannaschii with sinefungin
89	c3bxoA_	Alignment	not modelled	97.3	13	PDB header: transferase Chain: A: PDB Molecule: n,n-dimethyltransferase; PDBTitle: crystal structure of streptomyces venezuelae desvi
90	c2fk8A_	Alignment	not modelled	97.2	19	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
91	c2ozvA_	Alignment	not modelled	97.2	20	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein atu0636; PDBTitle: crystal structure of a predicted o-methyltransferase, protein atu6362 from agrobacterium tumefaciens.
92	c3bwbA_	Alignment	not modelled	97.2	24	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
93	d1i9ga_	Alignment	not modelled	97.2	18	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
94	d2h00a1	Alignment	not modelled	97.2	12	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Methyltransferase 10 domain
95	d1l1ea_	Alignment	not modelled	97.1	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
96	d1kpia_	Alignment	not modelled	97.1	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
97	c3bgvC_	Alignment	not modelled	97.1	16	PDB header: transferase Chain: C: PDB Molecule: mrna cap guanine-n7 methyltransferase; PDBTitle: crystal structure of mrna cap guanine-n7 methyltransferase2 in complex with sah
98	c3lccA_	Alignment	not modelled	97.1	16	PDB header: transferase Chain: A: PDB Molecule: putative methyl chloride transferase; PDBTitle: structure of a sam-dependent halide methyltransferase from arabidopsis2 thaliana
99	c3hm2G_	Alignment	not modelled	97.1	16	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
100	d1ri5a_	Alignment	not modelled	97.1	22	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: mRNA cap (Guanine N-7) methyltransferase
101	c3q87B_	Alignment	not modelled	97.1	12	PDB header: transferase activator/transferase Chain: B: PDB Molecule: n6 adenine specific dna methylase; PDBTitle: structure of eukaryotic translation termination complex2 methyltransferase mtq2-trm112
						PDB header: transferase

102	c1z3cA_	Alignment	not modelled	97.1	22	Chain: A: PDB Molecule: mrna capping enzyme; PDBTitle: encephalitozoon cuniculi mrna cap (guanine-n7)2 methyltransferasein complexed with azoadomet
103	c3ll7A_	Alignment	not modelled	97.1	20	PDB header: transferase Chain: A: PDB Molecule: putative methyltransferase; PDBTitle: crystal structure of putative methyltransferase pg_1098 from2 porphyromonas gingivalis w83
104	d2b9ea1	Alignment	not modelled	97.1	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: NOL1/NOP2/sun
105	d2bzga1	Alignment	not modelled	97.0	21	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Thiopurine S-methyltransferase
106	dlilna_	Alignment	not modelled	97.0	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Protein-L-isoaspartyl O-methyltransferase
107	c3mb5A_	Alignment	not modelled	97.0	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
108	d1wzna1	Alignment	not modelled	97.0	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: CAC2371-like
109	c3bgdB_	Alignment	not modelled	97.0	21	PDB header: transferase Chain: B: PDB Molecule: thiopurine s-methyltransferase; PDBTitle: thiopurine s-methyltransferase
110	c1yb2A_	Alignment	not modelled	97.0	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ta0852; PDBTitle: structure of a putative methyltransferase from thermoplasma2 acidophilum.
111	d1yb2a1	Alignment	not modelled	97.0	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: tRNA(1-methyladenosine) methyltransferase-like
112	d1zx0a1	Alignment	not modelled	97.0	16	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Guanidinoacetate methyltransferase
113	c3e23A_	Alignment	not modelled	97.0	20	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein rpa2492; PDBTitle: crystal structure of the rpa2492 protein in complex with2 sam from rhodopseudomonas palustris, northeast structural3 genomics consortium target rpr299
114	d1nt2a_	Alignment	not modelled	97.0	17	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Fibrillarin homologue
115	c3gijA_	Alignment	not modelled	97.0	19	PDB header: transferase Chain: A: PDB Molecule: spermidine synthase; PDBTitle: crystal structure of a probable spermidine synthase from2 corynebacterium glutamicum atcc 13032
116	d2fk8a1	Alignment	not modelled	97.0	19	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
117	d1sqga2	Alignment	not modelled	96.9	13	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: NOL1/NOP2/sun
118	d1kpga_	Alignment	not modelled	96.9	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Mycolic acid cyclopropane synthase
119	c3g2qA_	Alignment	not modelled	96.9	14	PDB header: transferase Chain: A: PDB Molecule: pcza361.24; PDBTitle: crystal structure of the glycopeptide n-methyltransferase mtfa2 complexed with sinefungin
120	c2hteB_	Alignment	not modelled	96.9	20	PDB header: transferase Chain: B: PDB Molecule: spermidine synthase; PDBTitle: the crystal structure of spermidine synthase from p. falciparum in2 complex with 5'-methylthioadenosine