Phyre^2

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Description	P75967
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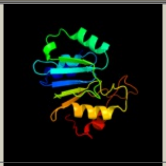
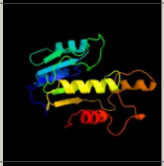
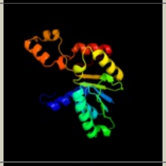
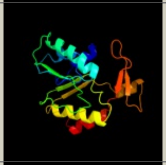
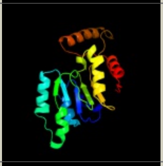
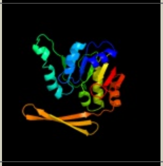
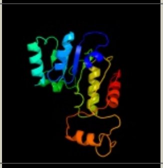
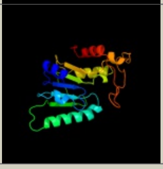
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3lccA_	Alignment		98.6	16	**PDB header:**transferase **Chain:** A: **PDB Molecule:**putative methyl chloride transferase; **PDBTitle:** structure of a sam-dependent halide methyltransferase from arabidopsis2 thaliana
2	c3ou7A_	Alignment		98.4	16	**PDB header:**transferase **Chain:** A: **PDB Molecule:**sam-dependent methyltransferase; **PDBTitle:** dhpi-sam-hep complex
3	c3d2lC_	Alignment		98.3	13	**PDB header:**transferase **Chain:** C: **PDB Molecule:**sam-dependent methyltransferase; **PDBTitle:** crystal structure of sam-dependent methyltransferase (zp_00538691.1)2 from exiguobacterium sp. 255-15 at 1.90 a resolution
4	c3l8dA_	Alignment		98.2	17	**PDB header:**transferase **Chain:** A: **PDB Molecule:**methyltransferase; **PDBTitle:** crystal structure of methyltransferase from bacillus2 thuringiensis
5	c3ofkA_	Alignment		98.2	16	**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)
6	d1wzna1	Alignment		98.2	18	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**CAC2371-like
7	d1tpya_	Alignment		98.1	14	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Mycolic acid cyclopropane synthase
8	d2a14a1	Alignment		98.1	17	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Arylamine N-methyltransferase
9	c1z3cA_	Alignment		98.1	17	**PDB header:**transferase **Chain:** A: **PDB Molecule:**mrna capping enzyme; **PDBTitle:** encephalitozooan cuniculi mrna cap (guanine-n7)2 methyltransferasein complexed with azoadomet
10	c3h2bB_	Alignment		98.1	15	**PDB header:**transferase **Chain:** B: **PDB Molecule:**sam-dependent methyltransferase; **PDBTitle:** crystal structure of the sam-dependent methyltransferase2 cg3271 from corynebacterium glutamicum in complex with s-3 adenosyl-l-homocysteine and pyrophosphate. northeast4 structural genomics consortium target cgr113a
11	d1ri5a_	Alignment		98.0	17	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**mRNA cap (Guanine N-7) methyltransferase

12	d1pjza_	Alignment		98.0	19	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Thiopurine S-methyltransferase
13	d1kpga_	Alignment		98.0	19	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Mycolic acid cyclopropane synthase
14	c3g2qA_	Alignment		98.0	13	**PDB header:**transferase **Chain:** A: **PDB Molecule:**pcza361.24; **PDBTitle:** crystal structure of the glycopeptide n-methyltransferase mtfa2 complexed with sinefungin
15	c3ccfB_	Alignment		98.0	18	**PDB header:**transferase **Chain:** B: **PDB Molecule:**cyclopropane-fatty-acyl-phospholipid synthase; **PDBTitle:** crystal structure of putative methyltransferase (yp_321342.1) from2 anabaena variabilis atcc 29413 at 1.90 a resolution
16	c3bxoA_	Alignment		97.9	15	**PDB header:**transferase **Chain:** A: **PDB Molecule:**n,n-dimethyltransferase; **PDBTitle:** crystal structure of streptomyces venezuelae desvi
17	c3e23A_	Alignment		97.9	18	**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
18	d2o57a1	Alignment		97.9	18	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Mycolic acid cyclopropane synthase
19	c3m70A_	Alignment		97.9	26	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**tellurite resistance protein tehb homolog; **PDBTitle:** crystal structure of tehb from haemophilus influenzae
20	c3bgvC_	Alignment		97.9	15	**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
21	d2ex4a1	Alignment	not modelled	97.9	23	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**AD-003 protein-like
22	d1kpia_	Alignment	not modelled	97.8	16	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Mycolic acid cyclopropane synthase
23	d1y8ca_	Alignment	not modelled	97.8	18	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**CAC2371-like
24	c3jwgA_	Alignment	not modelled	97.8	14	**PDB header:**transferase **Chain:** A: **PDB Molecule:**methyltransferase type 12; **PDBTitle:** crystal structure analysis of the methyltransferase domain2 of bacterial-cthen1-c
25	c3bgdB_	Alignment	not modelled	97.8	15	**PDB header:**transferase **Chain:** B: **PDB Molecule:**thiopurine s-methyltransferase; **PDBTitle:** thiopurine s-methyltransferase
26	d1xtpa_	Alignment	not modelled	97.8	15	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**AD-003 protein-like
27	c3dtnA_	Alignment	not modelled	97.8	13	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**putative methyltransferase mm_2633; **PDBTitle:** crystal structure of putative methyltransferase-mm_26332 from methanosarcina mazei .
28	d2i6ga1	Alignment	not modelled	97.7	23	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**TehB-like
						Fold:S-adenosyl-L-methionine-dependent methyltransferases

29	d2bzga1	Alignment	not modelled	97.7	13	**Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Thiopurine S-methyltransferase
30	c3cc8A_	Alignment	not modelled	97.7	14	**PDB header:**transferase **Chain:** A: **PDB Molecule:**putative methyltransferase; **PDBTitle:** crystal structure of a putative methyltransferase (bce_1332) from2 bacillus cereus atcc 10987 at 1.64 a resolution
31	c2fk8A_	Alignment	not modelled	97.7	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
32	d1xxla_	Alignment	not modelled	97.7	18	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**UbiE/COQ5-like
33	d2fk8a1	Alignment	not modelled	97.7	14	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Mycolic acid cyclopropane synthase
34	c3dh0B_	Alignment	not modelled	97.7	14	**PDB header:**transferase **Chain:** B: **PDB Molecule:**sam dependent methyltransferase; **PDBTitle:** crystal structure of a sam dependent methyltransferase from2 aquifex aeolicus
35	c1x1aA_	Alignment	not modelled	97.7	17	**PDB header:**transferase **Chain:** A: **PDB Molecule:**crtf-related protein; **PDBTitle:** crystal structure of bchu complexed with s-adenosyl-l-methionine
36	d1vl5a_	Alignment	not modelled	97.7	13	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**UbiE/COQ5-like
37	c2g8nB_	Alignment	not modelled	97.6	23	**PDB header:**transferase **Chain:** B: **PDB Molecule:**phenylethanolamine n-methyltransferase; **PDBTitle:** structure of hpnmt with inhibitor 3-hydroxymethyl-7-(n-4-2 chlorophenylaminosulfonyl)-thiq and adohcy
38	c1vl5B_	Alignment	not modelled	97.6	13	**PDB header:**transferase **Chain:** B: **PDB Molecule:**unknown conserved protein bh2331; **PDBTitle:** crystal structure of a putative methyltransferase (bh2331) from2 bacillus halodurans c-125 at 1.95 a resolution
39	c3merA_	Alignment	not modelled	97.6	16	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**slr1183 protein; **PDBTitle:** crystal structure of the methyltransferase slr1183 from2 synechocystis sp. pcc 6803, northeast structural genomics3 consortium target sgr145
40	c2p8jA_	Alignment	not modelled	97.6	13	**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
41	c3ndjA_	Alignment	not modelled	97.6	14	**PDB header:**transferase **Chain:** A: **PDB Molecule:**methyltransferase; **PDBTitle:** x-ray structure of a c-3'-methyltransferase in complex with s-2 adenosyl-l-homocysteine and sugar product
42	c3sm3A_	Alignment	not modelled	97.6	18	**PDB header:**transferase **Chain:** A: **PDB Molecule:**sam-dependent methyltransferases; **PDBTitle:** crystal structure of sam-dependent methyltransferases q8puk2_metma2 from methanosarcina mazei. northeast structural genomics consortium3 target mar262.
43	c3lstB_	Alignment	not modelled	97.6	12	**PDB header:**transferase **Chain:** B: **PDB Molecule:**calo1 methyltransferase; **PDBTitle:** crystal structure of calo1, methyltransferase in calicheamicin2 biosynthesis, sah bound form
44	c3i9fB_	Alignment	not modelled	97.5	22	**PDB header:**transferase **Chain:** B: **PDB Molecule:**putative type 11 methyltransferase; **PDBTitle:** crystal structure of a putative type 11 methyltransferase2 from sulfolobus solfataricus
45	d1im8a_	Alignment	not modelled	97.5	11	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Hypothetical protein HI0319 (YecO)
46	c2yr0A_	Alignment	not modelled	97.5	15	**PDB header:**transferase **Chain:** A: **PDB Molecule:**hypothetical protein ttha0223; **PDBTitle:** crystal structure of hypothetical methyltransferase ttha0223 from2 thermus thermophilus hb8
47	c3dp7B_	Alignment	not modelled	97.5	11	**PDB header:**transferase **Chain:** B: **PDB Molecule:**sam-dependent methyltransferase; **PDBTitle:** crystal structure of sam-dependent methyltransferase from bacteroides2 vulgatus atcc 8482
48	c3pfhD_	Alignment	not modelled	97.5	13	**PDB header:**transferase **Chain:** D: **PDB Molecule:**n-methyltransferase; **PDBTitle:** x-ray crystal structure the n,n-dimethyltransferase tylm1 from2 streptomyces fradiae in complex with sah and dtdp-quip3n
49	c3dliB_	Alignment	not modelled	97.5	16	**PDB header:**transferase **Chain:** B: **PDB Molecule:**methyltransferase; **PDBTitle:** crystal structure of a sam dependent methyltransferase from2 archaeoglobus fulgidus
50	c2gs9A_	Alignment	not modelled	97.4	13	**PDB header:**transferase **Chain:** A: **PDB Molecule:**hypothetical protein tt1324; **PDBTitle:** crystal structure of tt1324 from thermus thermophilis hb8
51	c2pxxA_	Alignment	not modelled	97.4	20	**PDB header:**transferase **Chain:** A: **PDB Molecule:**uncharacterized protein mgc2408; **PDBTitle:** human putative methyltransferase mgc2408
52	d1jqea_	Alignment	not modelled	97.4	17	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Histamine methyltransferase
53	c3i53A_	Alignment	not modelled	97.4	16	**PDB header:**transferase **Chain:** A: **PDB Molecule:**o-methyltransferase; **PDBTitle:** crystal structure of an o-methyltransferase (ncsb1) from2

						neocarzinostatin biosynthesis in complex with s-adenosyl-l-3 homocysteine (sah)
54	c3hnrA_	Alignment	not modelled	97.4	14	**PDB header:**transferase **Chain:** A: **PDB Molecule:**probable methyltransferase bt9727_4108; **PDBTitle:** crystal structure of a probable methyltransferase2 bt9727_4108 from bacillus thuringiensis subsp. northeast3 structural genomics consortium target id bur219
55	c3bkxB_	Alignment	not modelled	97.4	10	**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
56	c3ujcA_	Alignment	not modelled	97.4	14	**PDB header:**transferase **Chain:** A: **PDB Molecule:**phosphoethanolamine n-methyltransferase; **PDBTitle:** phosphoethanolamine methyltransferase mutant (h132a) from plasmodium2 falciparum in complex with phosphocholine
57	d2g72a1	Alignment	not modelled	97.4	21	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Arylamine N-methyltransferase
58	c3ocjA_	Alignment	not modelled	97.4	12	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**putative exported protein; **PDBTitle:** the crystal structure of a possilbe exported protein from bordetella2 parapertussis
59	d1vlma_	Alignment	not modelled	97.4	16	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**UbiE/COQ5-like
60	c2iipD_	Alignment	not modelled	97.3	25	**PDB header:**transferase **Chain:** D: **PDB Molecule:**nicotinamide n-methyltransferase; **PDBTitle:** human nicotinamide n-methyltransferase
61	d2p7ia1	Alignment	not modelled	97.3	15	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**UbiE/COQ5-like
62	d2avna1	Alignment	not modelled	97.3	24	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**UbiE/COQ5-like
63	c3gwzB_	Alignment	not modelled	97.3	13	**PDB header:**transferase **Chain:** B: **PDB Molecule:**mmcr; **PDBTitle:** structure of the mitomycin 7-o-methyltransferase mmcr
64	d1r74a_	Alignment	not modelled	97.3	18	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Glycine N-methyltransferase
65	c2vdwA_	Alignment	not modelled	97.3	12	**PDB header:**transferase **Chain:** A: **PDB Molecule:**vaccinia virus capping enzyme d1 subunit; **PDBTitle:** guanosine n7 methyl-transferase sub-complex (d1-d12) of the2 vaccinia virus mrna capping enzyme
66	d1ve3a1	Alignment	not modelled	97.2	18	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**CAC2371-like
67	c2p7iB_	Alignment	not modelled	97.2	13	**PDB header:**transferase **Chain:** B: **PDB Molecule:**hypothetical protein; **PDBTitle:** crystal structure of a sam dependent methyl-transferase type 12 family2 protein (eca1738) from pectobacterium atrosepticum scri1043 at 1.74 a3 resolution
68	d1nkva_	Alignment	not modelled	97.1	15	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Hypothetical Protein YjhP
69	c3ggdA_	Alignment	not modelled	97.1	17	**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
70	c3e8sA_	Alignment	not modelled	97.1	18	**PDB header:**transferase **Chain:** A: **PDB Molecule:**putative sam dependent methyltransferase; **PDBTitle:** crystal structure of putative sam dependent methyltransferase in2 complex with sah (np_744700.1) from pseudomonas putida kt2440 at 2.103 a resolution
71	d1d2ha_	Alignment	not modelled	97.1	17	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Glycine N-methyltransferase
72	d1l1ea_	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
73	d1qzza2	Alignment	not modelled	97.0	17	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Plant O-methyltransferase, C-terminal domain
74	c1kyzC_	Alignment	not modelled	97.0	13	**PDB header:**transferase **Chain:** C: **PDB Molecule:**caffeic acid 3-o-methyltransferase; **PDBTitle:** crystal structure analysis of caffeic acid/5-hydroxyferulic2 acid 3/5-o-methyltransferase ferulic acid complex
75	d2gh1a1	Alignment	not modelled	97.0	18	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**BC2162-like
76	c3e7pA_	Alignment	not modelled	97.0	13	**PDB header:**transferase **Chain:** A: **PDB Molecule:**putative methyltransferase; **PDBTitle:** crystal structure of of putative methyltransferase from bacteroides2 vulgatus atcc 8482

77	c3busB_	Alignment	not modelled	97.0	14	**PDB header:**transferase **Chain:** B: **PDB Molecule:**methyltransferase; **PDBTitle:** crystal structure of rebm
78	c3mczB_	Alignment	not modelled	96.9	13	**PDB header:**transferase **Chain:** B: **PDB Molecule:**o-methyltransferase; **PDBTitle:** the structure of an o-methyltransferase family protein from2 burkholderia thailandensis.
79	d1xvaa_	Alignment	not modelled	96.9	20	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Glycine N-methyltransferase
80	c3cggB_	Alignment	not modelled	96.7	19	**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
81	c3mtiA_	Alignment	not modelled	96.7	13	**PDB header:**transferase **Chain:** A: **PDB Molecule:**rrna methylase; **PDBTitle:** the crystal structure of a rrna methylase from streptococcus2 thermophilus to 1.95a
82	d2nxca1	Alignment	not modelled	96.7	16	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Ribosomal protein L11 methyltransferase PrmA
83	c3g5lA_	Alignment	not modelled	96.6	16	**PDB header:**transferase **Chain:** A: **PDB Molecule:**putative s-adenosylmethionine dependent **PDBTitle:** crystal structure of putative s-adenosylmethionine2 dependent methyltransferase from listeria monocytogenes
84	c2p35A_	Alignment	not modelled	96.6	13	**PDB header:**transferase **Chain:** A: **PDB Molecule:**trans-aconitate 2-methyltransferase; **PDBTitle:** crystal structure of trans-aconitate methyltransferase from2 agrobacterium tumefaciens
85	c3dlcA_	Alignment	not modelled	96.5	14	**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 methanococcus maripaludis at 1.15 a3 resolution
86	c1xduA_	Alignment	not modelled	96.5	16	**PDB header:**transferase **Chain:** A: **PDB Molecule:**protein rdmb; **PDBTitle:** crystal structure of aclacinomycin-10-hydroxylase (rdmb) in complex2 with sinefungin (sfg)
87	c2ip2B_	Alignment	not modelled	96.4	8	**PDB header:**transferase **Chain:** B: **PDB Molecule:**probable phenazine-specific methyltransferase; **PDBTitle:** structure of the pyocyanin biosynthetic protein phzm
88	c3p9kD_	Alignment	not modelled	96.4	15	**PDB header:**transferase **Chain:** D: **PDB Molecule:**caffeic acid o-methyltransferase; **PDBTitle:** crystal structure of perennial ryegrass lpomt1 complexed with s-2 adenosyl-l-homocysteine and coniferaldehyde
89	c3mggB_	Alignment	not modelled	96.3	19	**PDB header:**transferase **Chain:** B: **PDB Molecule:**methyltransferase; **PDBTitle:** crystal structure of methyl transferase from methanosarcina2 mazei
90	c3opnA_	Alignment	not modelled	96.3	20	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**putative hemolysin; **PDBTitle:** the crystal structure of a putative hemolysin from lactococcus lactis
91	c2r3sA_	Alignment	not modelled	96.2	11	**PDB header:**transferase **Chain:** A: **PDB Molecule:**uncharacterized protein; **PDBTitle:** crystal structure of a putative o-methyltransferase (npun_r0239) from2 nostoc punctiforme pcc 73102 at 2.15 a resolution
92	c3bkwB_	Alignment	not modelled	96.2	13	**PDB header:**transferase **Chain:** B: **PDB Molecule:**s-adenosylmethionine dependent methyltransferase; **PDBTitle:** crystal structure of s-adenosylmethionine dependent methyltransferase2 (np_104914.1) from mesorhizobium loti at 1.60 a resolution
93	c2zfuA_	Alignment	not modelled	96.1	20	**PDB header:**nuclear protein **Chain:** A: **PDB Molecule:**cerebral protein 1; **PDBTitle:** structure of the methyltransferase-like domain of nucleomethylin
94	c3f4kA_	Alignment	not modelled	96.0	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.
95	d1kyza2	Alignment	not modelled	95.9	12	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Plant O-methyltransferase, C-terminal domain
96	c2pjdA_	Alignment	not modelled	95.8	24	**PDB header:**transferase **Chain:** A: **PDB Molecule:**ribosomal rna small subunit methyltransferase c; **PDBTitle:** crystal structure of 16s rrna methyltransferase rsmc
97	d1fp1d2	Alignment	not modelled	95.8	14	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Plant O-methyltransferase, C-terminal domain
98	d1dusa_	Alignment	not modelled	95.7	22	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Hypothetical protein MJ0882
99	d1af7a2	Alignment	not modelled	95.6	16	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Chemotaxis receptor methyltransferase CheR, C-terminal domain
100	d1p91a_	Alignment	not modelled	95.6	16	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases

						Family:rRNA methyltransferase RlmA
101	c3jwhA_	Alignment	not modelled	95.6	8	**PDB header:**transferase **Chain:** A: **PDB Molecule:**hen1; **PDBTitle:** crystal structure analysis of the methyltransferase domain2 of bacterial-avhen1-c
102	d1tw3a2	Alignment	not modelled	95.5	18	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Plant O-methyltransferase, C-terminal domain
103	c3ku1E_	Alignment	not modelled	95.3	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
104	c1tw3A_	Alignment	not modelled	95.2	19	**PDB header:**transferase **Chain:** A: **PDB Molecule:**carminomycin 4-o-methyltransferase; **PDBTitle:** crystal structure of carminomycin-4-o-methyltransferase2 (dnrk) in complex with s-adenosyl-l-homocystein (sah) and3 4-methoxy-e-rhodomycin t (m-et)
105	d1fp2a2	Alignment	not modelled	95.2	14	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Plant O-methyltransferase, C-terminal domain
106	c3lecA_	Alignment	not modelled	95.2	9	**PDB header:**structure genomics, unknown function **Chain:** A: **PDB Molecule:**nadb-rossmann superfamily protein; **PDBTitle:** the crystal structure of a protein in the nadb-rossmann2 superfamily from streptococcus agalactiae to 1.8a
107	c1fpqA_	Alignment	not modelled	95.2	17	**PDB header:**transferase **Chain:** A: **PDB Molecule:**isoliquiritigenin 2'-o-methyltransferase; **PDBTitle:** crystal structure analysis of selenomethionine substituted chalcone o-2 methyltransferase
108	c3egeA_	Alignment	not modelled	95.2	18	**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 anabaena variabilis atcc3 29413 at 2.40 a resolution
109	d1wg8a2	Alignment	not modelled	95.1	14	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**MraW-like putative methyltransferases
110	c3dmgA_	Alignment	not modelled	95.1	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
111	c3ckkA_	Alignment	not modelled	94.9	12	**PDB header:**transferase **Chain:** A: **PDB Molecule:**trna (guanine-n(7)-)-methyltransferase; **PDBTitle:** crystal structure of human methyltransferase-like protein 1
112	c3dxyA_	Alignment	not modelled	94.9	15	**PDB header:**transferase **Chain:** A: **PDB Molecule:**trna (guanine-n(7)-)-methyltransferase; **PDBTitle:** crystal structure of ectrmb in complex with sam
113	c3g07C_	Alignment	not modelled	94.9	18	**PDB header:**transferase **Chain:** C: **PDB Molecule:**7sk snrna methylphosphate capping enzyme; **PDBTitle:** methyltransferase domain of human bicoid-interacting protein2 3 homolog (drosophila)
114	c3mq2A_	Alignment	not modelled	94.9	9	**PDB header:**transferase **Chain:** A: **PDB Molecule:**16s rrna methyltransferase; **PDBTitle:** crystal structure of 16s rrna methyltranferase kamb
115	c3gnlB_	Alignment	not modelled	94.7	10	**PDB header:**structural genomics, unknown function **Chain:** B: **PDB Molecule:**uncharacterized protein, duf633, lmof2365_1472; **PDBTitle:** structure of uncharacterized protein (lmof2365_1472) from2 listeria monocytogenes serotype 4b
116	d1yzha1	Alignment	not modelled	94.7	12	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**TrmB-like
117	c3grzA_	Alignment	not modelled	94.7	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
118	d1i1na_	Alignment	not modelled	94.5	23	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Protein-L-isoaspartyl O-methyltransferase
119	d1zx0a1	Alignment	not modelled	94.4	19	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**Guanidinoacetate methyltransferase
120	d1m6ya2	Alignment	not modelled	93.9	17	**Fold:**S-adenosyl-L-methionine-dependent methyltransferases **Superfamily:**S-adenosyl-L-methionine-dependent methyltransferases **Family:**MraW-like putative methyltransferases