

**methyltransferase activity, GO:0008168**

- tRNA processing, GO:0008033
- tRNA binding, GO:0000049
- negative regulation of gene expression, GO:0045814
- p53 binding, GO:0002039
- regulation of megakaryocyte differentiation, GO:0045652
- stem cell population maintenance, GO:0019827
- histone-lysine N-methyltransferase activity, GO:0018024
- tRNA modification, GO:0006400
- heat shock protein binding, GO:0031072
- 7-methylguanosine mRNA capping, GO:0006370
- response to toxic substance, GO:0009636
- histone methyltransferase complex, GO:0035097
- tRNA methylation, GO:0030488
- histone lysine methylation, GO:0034968
- RNA polymerase II core promoter sequence-specific DNA binding, GO:0000979
- response to ethanol, GO:0045471
- histone H3-K4 methylation, GO:0051568
- histone methylation, GO:0016571
- lysine-acetylated histone binding, GO:0070577
- protein-lysine N-methyltransferase activity, GO:0016279
- histone methyltransferase activity (H3-K4 specific), GO:0042800
- germ cell development, GO:0007281
- Set1C/COMPASS complex, GO:0048188
- regulation of protein binding, GO:0043393
- ubiquinone biosynthetic process, GO:0006744
- protein methyltransferase activity, GO:0008276
- MLL3/4 complex, GO:0044666
- DNA methylation involved in gamete generation, GO:0043046
- response to cocaine, GO:0042220
- histone methyltransferase activity, GO:0042054
- S-adenosylmethionine-dependent methyltransferase activity, GO:0008757
- oxidoreductase activity, GO:0016706
- retinoic acid receptor binding, GO:0042974
- positive regulation of histone H3-K4 methylation, GO:0051571
- positive regulation of mitochondrial translation, GO:0070131
- RNA methylation, GO:0001510
- homeostasis of number of cells within a tissue, GO:0048873
- rRNA methylation, GO:0031167
- ferrous iron binding, GO:0008198
- neurogenesis, GO:0022008
- promoter-specific chromatin binding, GO:1990841
- fertilization, GO:0009566
- RNA methyltransferase activity, GO:0008173
- histone H3-K4 trimethylation, GO:0080182
- negative regulation of G1/S transition of mitotic cell cycle, GO:2000134
- extrinsic component of mitochondrial inner membrane, GO:0031314
- response to vitamin A, GO:0033189
- endothelial cell activation, GO:0042118
- peptidyl-lysine methylation, GO:0018022
- phosphatidylethanolamine binding, GO:0008429
- L-serine metabolic process, GO:0006563
- regulation of mitochondrial translation, GO:0070129
- left/right axis specification, GO:0070986
- tetrahydrofolate interconversion, GO:0035999
- histone H3-K27 methylation, GO:0070734
- mitogen-activated protein kinase p38 binding, GO:0048273
- one-carbon metabolic process, GO:0006730
- peptidyl-arginine N-methylation, GO:0035246
- rRNA modification, GO:0000154
- methionine biosynthetic process, GO:0009086
- methyl-CpG binding, GO:0008327
- skeletal muscle tissue development, GO:0007519
- response to nutrient levels, GO:0031667
- regulation of mitotic cell cycle spindle assembly checkpoint, GO:0090266
- glycerophospholipid metabolic process, GO:0006650
- tetrahydrofolate metabolic process, GO:0046653
- protein-arginine N-methyltransferase activity, GO:0016274
- chromatin silencing at telomere, GO:0006348
- mRNA methylation, GO:0080009
- histone H3-K27 trimethylation, GO:0098532
- L-serine biosynthetic process, GO:0006564
- peptidyl-lysine trimethylation, GO:0018023
- tRNA wobble uridine modification, GO:0002098
- regulation of peptidyl-serine phosphorylation, GO:0033135
- peptidyl-diphthamide biosynthetic process from peptidyl-histidine, GO:0017183
- response to type I interferon, GO:0034340
- histone methyltransferase activity (H3-K27 specific), GO:0046976
- histidine catabolic process, GO:0006548
- peptidyl-lysine monomethylation, GO:0018026
- peroxisome proliferator activated receptor binding, GO:0042975
- cobalamin binding, GO:0031419
- auditory receptor cell development, GO:0060117
- histone H3-K36 methylation, GO:0010452
- regulation of mRNA export from nucleus, GO:0010793
- histone methyltransferase activity (H3-K36 specific), GO:0046975
- translation repressor activity, GO:0000900
- O-methyltransferase activity, GO:0008171