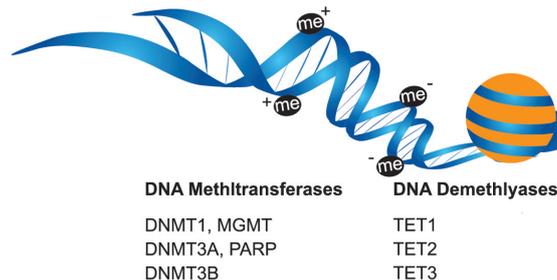




DNA Methylation



DNA Methyltransferases

DNMT1, MGMT
DNMT3A, PARP
DNMT3B

DNA Demethylases

TET1
TET2
TET3

Histone Methylation



Histone Methyltransferases

DNMT, DOT1L, PRMT
KMT1C/G9a, EZH2
SMYD2, COMT, SUV39H1

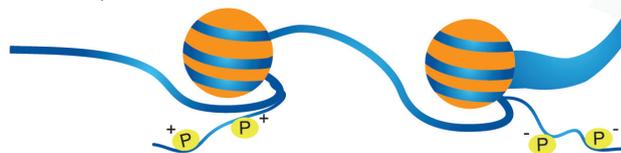
Histone Demethylases

KDM1A/LSD1
KDM2/7/JHDM1
KDM5/JARID
KDM3/JHDM2
KDM4/JMJD2
KDM6B/JMJD3
KDM6A/UTX

Bromodomains

BET, BRD1
BRD2, BRD3
BRD4, BRDT

Histone Phosphorylation



Serine/Threonine Kinases

Pim, Aurora Kinase
PKC, JNK, Haspin
MSK1/2, ATM, ATR
AMPK, MST,

Protein Phosphatases

PPP1R15A
PPP2CA
PPP2CB
PPP1CCC

Histone Acetylation



Histone Acetyltransferases

SRC, CBP/p300, PCAF
KATS/Tip60, GCN522, AchE

Histone Deacetylases

HDAC1, SIRT1
HDAC2, SIRT2
HDAC3, SIRT3
HDAC4, SIRT4
HDAC6, SIRT5
HDAC7, SIRT6
HDAC8, SIRT7
HDAC9

