

Chromatin modifying enzymes: KMT (SET-domain)
ASH1L
EHMT1/GLP
EHMT2/G9A
EZH1
EZH2
MLL1/2/3 (KMT2A, KMT2D, KMT2C)
NSD1/KMT3B
SMYD1/KMT3D
NSD2/WHSC1/KMT3F
NSD3/KMT3G
SETD1A
SETD2
SETD5
SETDB1
SUV39H1
SUV39H2
SUV420H1
SUV420H2

Chromatin modifying enzymes: KMT (non-SET-domain)
DOT1L

Chromatin modifying enzymes: KDM
KDM2A
KDM2B
KDM3A
KDM3B
KDM4A
KDM4B
KDM4C
KDM5A/JARID1A
KDM5C/JARID1B
KDM6A/UTX
KDM6B
KDM7C/PHF2
PHF8 (88)

Chromatin modifying enzymes: KMT (PR/SET-domain)
PRDM2
PRDM9
PRDM3
PRDM16

Chromatin modifying enzymes: Kinase
AURKB
ATM
JAK2
PIM1
BRCA1

Chromatin modifying enzymes: HAT
p300/CBP (EP300)
KAT2A
KAT2B
MOZ/KAT6A
CREBBP/KAT3A
NCOA1
NCOA3
PBRM1

Chromatin modifying enzymes: HDAC
HDAC1
HDAC2
HDAC3
HDAC4
HDAC5
HDAC6
HDAC9
SIRT1

DNA methylation
DNMT1
DNMT3A
DNMT3B
MBD1
MBD2
MECP2
TET1
TET2
TET3

Chromatin remodeling
ARID1A
ARID1B
ATRX
CHD3
CHD4
INO80
INO80B
INO80C
INO80D
INO80E
SMARCA1/SNF2L
SMARCA4/BRF1
SMARCA5 (SNF2H)
SMARCC1/BAF155
SMARCC2

Chromatin binders
BMI1
BRD1/3/4
CBX2
DAXX
HMGA1
HMGA2
HP1-alpha/CBX5
HP1-beta/CBX1
HP1-gamma/CBX3
ING1
ING4
SSRP1
TRIM28
TRIM33

Chromatin assembly proteins
CHAF1A
CHAF1B

Supplemental Table 2