

## Available Epigenetic Assays

Nanosyn Name	Symbol	Approved Name	Group
HDAC 1	HDAC1	histone deacetylase 1	Deacetylases/SIRT
HDAC 2	HDAC2	histone deacetylase 2	Deacetylases/SIRT
HDAC 3	HDAC3	histone deacetylase 3	Deacetylases/SIRT
HDAC 8	HDAC8	histone deacetylase 8	Deacetylases/SIRT
HDAC 4	HDAC4	histone deacetylase 4	Deacetylases/SIRT
HDAC 5	HDAC5	histone deacetylase 5	Deacetylases/SIRT
HDAC 7	HDAC7	histone deacetylase 7	Deacetylases/SIRT
HDAC 9	HDAC9	histone deacetylase 9	Deacetylases/SIRT
HDAC 6	HDAC6	histone deacetylase 6	Deacetylases/SIRT
HDAC 10	HDAC10	histone deacetylase 10	Deacetylases/SIRT
HDAC11	HDAC11	histone deacetylase 11	Deacetylases/SIRT
SIRT 1	SIRT1	sirtuin 1	Deacetylases/SIRT
SIRT 2	SIRT2	sirtuin 2	Deacetylases/SIRT
SIRT 3	SIRT3	sirtuin 3	Deacetylases/SIRT
EP300	EP300	E1A binding protein p300	Acetyltransferases
PCAF			Acetyltransferases
GCN5			Acetyltransferases
G9a	EHMT2	euchromatic histone-lysine N-methyltransferase 2	Methyltransferases
EZH2	EZH2	enhancer of zeste 2 polycomb repressive complex 2 subunit	Methyltransferases
SUV39H1	SUV39H1	suppressor of variegation 3-9 homolog 1 (Drosophila)	Methyltransferases
SUV39H2	SUV39H2	suppressor of variegation 3-9 homolog 2 (Drosophila)	Methyltransferases
SET7/9	SET7/9	SET domain containing (lysine methyltransferase) 7	Methyltransferases
SETD8	SETD8	SET domain containing (lysine methyltransferase) 8	Methyltransferases
MLL	SEPT9	septin 9	Methyltransferases
CARM1	CARM1	coactivator-associated arginine methyltransferase 1	Methyltransferases
PRMT1	PRMT1	protein arginine methyltransferase 1	Methyltransferases
PRMT3	PRMT3	protein arginine methyltransferase 3	Methyltransferases
PRMT5	PRMT5	protein arginine methyltransferase 5	Methyltransferases
LSD1	KDM1A	lysine (K)-specific demethylase 1A	Demethylases
JMJD1A	KDM3A	lysine (K)-specific demethylase 3A	Demethylases
JMJD2A	KDM4A	lysine (K)-specific demethylase 4A	Demethylases
JMJD2B	KDM4B	lysine (K)-specific demethylase 4B	Demethylases
JMJD2C	KDM4C	lysine (K)-specific demethylase 4C	Demethylases
JMJD2D	KDM4D	lysine (K)-specific demethylase 4D	Demethylases
JMJD2E	KDM4E	lysine (K)-specific demethylase 4E	Demethylases
JMJD3	KDM6B	lysine (K)-specific demethylase 6B	Demethylases
FBXL10	KDM2B	lysine (K)-specific demethylase 2B	Demethylases
FBXL11	KDM2A	lysine (K)-specific demethylase 2A	Demethylases