

## SUPPLEMENTARY TABLES

Supplementary Table 1. Histone acetylation modulator proteins.

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HAMPs  
ASH1L  
ATAD2  
ATAD2B  
ATAT1  
BAZ1A  
BAZ1B  
BAZ2A  
BAZ2B  
BPTF  
BRD1  
BRD2  
BRD3  
BRD4  
BRD7  
BRD8  
BRD9  
BRDT  
BRPF1  
BRPF3  
BRWD1  
BRWD3  
CECR2  
CLOCK  
CREBBP  
ELP3  
EP300  
GTF3C4  
HAT1  
HDAC1  
HDAC10  
HDAC11  
HDAC2  
HDAC3  
HDAC4  
HDAC5  
HDAC6  
HDAC7  
HDAC8  
HDAC9  
KAT2A  
KAT2B

KAT5  
KAT6A  
KAT6B  
KAT7  
KAT8  
KIAA2026  
KMT2A  
NCOA1  
NCOA3  
PBRM1  
PHIP  
SIRT1  
SIRT2  
SIRT3  
SIRT4  
SIRT5  
SIRT6  
SIRT7  
SMARCA2  
SMARCA4  
SP100  
SP110  
SP140  
SP140L  
TAF1  
TAF1L  
TRIM24  
TRIM28  
TRIM33  
TRIM66  
ZMYND11  
ZMYND8

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**Supplementary Table 2. Primer sequences.**

<b>Primer name</b>	<b>Primer sequences</b>
ADAMTS9-AS2 F	AAGACCCACGAACGACAGC
ADAMTS9-AS2 R	CTTTCAGCCAGACATCAGGGTT
AF131215.6 F	GTGAGGATTCAAGAACCCAGGC
AF131215.6 R	GGAGGTGAGTGGAAGTGGGT
CYP4F26P F	GCTGGTTATGCTTTATGACCTGTG
CYP4F26P R	AGGGTCCATAGAGGGAGCAGAA
LINC00622 F	CCAGACATTCCCTATGCTGTTGAG
LINC00622 R	ATTTCTCACTTTCTTTAGGGCTTTTA
LINC00639 F	CTCTGATGGCGAATGTGGTCTG
LINC00639 R	CCTGAGTCCTGAAGAAGAGCACA
LINC00968 F	CATCCCATTGAGAACCAAAGAAG
LINC00968 R	CGAAAGGCTGGAAGTGCATTAG
MIR22HG F	CAGTGATTTGCTCCCCCTCG
MIR22HG R	AGCCCATTTCTGTCACCTTCCA
MIR99AHG F	GGACAACCATAGGCAAAACTGAA
MIR99AHG R	AGTGTGCTATTTTCTGCCCTG
WWC2-AS2 F	CGCTTTGACCGCATTTAGGG
WWC2-AS2 R	ACCAGGGCGTCTCATTCCA
GAPDH F	CTGACTTCAACAGCGACACC
GAPDH R	TGCTGTAGCCAAATTCGTTGT