

SUPPLEMENTAL MATERIALS AND METHODS

Antibodies and reagents. β -Actin antibody Dulbecco's Modified Eagle's Medium, and RPMI-1640 Medium, and 36% formaldehyde were purchased from Sigma-Aldrich (St. Louis, MO). Hematoxylin was purchased from Vector Laboratories (Burlingame, CA). Sp1 antibody and glutathione (GSH) reduced free acid were purchased from Millipore (Temecula, CA); Sp3 and Sp4 antibodies were purchased from Santa Cruz Biotech (Santa Cruz, CA). Acetyl-Histone H3 (K9/K14) and c-Myc antibodies were purchased from Cell Signaling Technologies (Danvers, MA). Apoptotic, Necrotic, and Healthy Cells Quantification Kit was purchased from Biotium (Hayward, CA). Cells were visualized under an EVOS fl, fluorescence microscope, from Advanced Microscopy Group using a multiband filter set for FITC, rhodamine, and DAPI. The panobinostat and vorinostat were purchased from LC Laboratories (Woburn, MA).

Antibodies, Reagents, Primers, and siRNAs – Sources

Antibodies

<u>Antibodies</u>	<u>Source</u>
β -Actin	Sigma Aldrich (St. Louis, MO)
Sp1	Millipore (Temecula, CA)
Sp3	Santa Cruz Biotech (Santa Cruz, CA)
Sp4	Santa Cruz Biotech (Santa Cruz, CA)
ZBTB4	Santa Cruz Biotech (Santa Cruz, CA)
Normal IgG	Santa Cruz Biotech (Santa Cruz, CA)
c-Myc	Cell Signaling Technologies (Danvers, MA)
Acetyl-Histone H3 (K9/K14)	Cell Signaling Technologies (Danvers, MA)
ZBTB 10	Bethyl Laboratories (Montgomery, TX)
ZBTB 34	Abcam (Cambridge, MA)
H3K27me3	Abcam (Cambridge, MA)
H3K4me3	Abcam (Cambridge, MA)
H4K16Ac	Active Motif (Carlsbad, CA)
RNA polymerase II	GeneTex (Irvine, CA)
Genepure LE Agarose	ISC BioExpress (Kaysville, UT)

Reagents

Dulbecco's modified Eagle's medium/Ham's F12
RPMI-1640
formaldehyde (36%)
fetal bovine serum
DMSO (Dimethyl Sulfoxide)
Hematoxylin
Glutathione (GSH)
Immobilon western chemiluminescence substrates
Apoptotic, Necrotic, and Healthy Cells Quant. Kit
Panobinostat, Vorinostat
RGB-4103 GelRed Nucleic Acid Stain
CM-H2DCFDA
Lipofectamine 2000
polyvinylidene difluoride (PVDF)

Primers

Taqman miRNA assay kit
miR Primers (RNU6B, miR-17, miR20a, miR-27a)
cMyc promoter;5'-GCC CTT TCC CCA GCC TTA GC-3' (sense)
5'-AAC CGC ATC CTT GTC CTG TGA GTA-3' (antisense)
Sp1 Promoter;5'-CTA ACT CCA ATC ATA ACG TTC C-3' (sense)
5'-GAG CTG GAG ATG ATT GGC TTG-3' (antisense)

siRNAs

siGL2-5', CGU ACG CGG AAU ACU UCG A
siMyc, SASI_Hs01_00222676
siSp1, SASI_Hs02_00333289
siSp3, SASI_Hs01_00211941
siSp4, SASI_Hs01_00114420

Source

Sigma Aldrich (St. Louis, MO)
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Sigma Aldrich (St. Louis, MO)
Sigma Aldrich (St. Louis, MO)
Vector Laboratories (Burlingame, CA)
Millipore (Temecula, CA)
Millipore (Temecula, CA)
Biotium (Hayward, CA)
LC Laboratories (Woburn, MA)
PhenixResearchProducts (Candler, NC)
Life Technologies (Carlsbad, CA)
Life Technologies (Carlsbad, CA)
Bio-Rad Laboratories (Hercules, CA)

Source

Life Technologies (Carlsbad, CA)
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Sigma Aldrich (St. Louis, MO)
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Source

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