

Table S1: qRT-PCR primers sequences

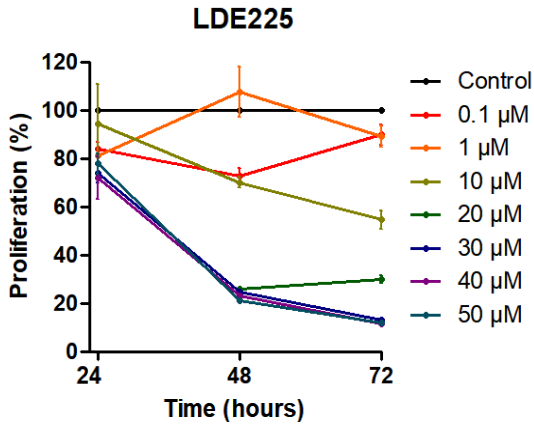
Gene / Symbol	Forward sequence	Reverse sequence	Amplicon Size (pb)	Melt temperature (°C)
<i>SHH</i>	TGCTGCTAGTCCTCGTCTCCT	TTTTGGGGTGCCTCCTCTT	90	F: 62.41 R: 58.72
<i>DHH</i>	TGATGACCGAGCGTTGTAAG	GCCAGCAACCCATACTTGT	196	F: 58.01 R: 58.04
<i>IHH</i>	CATTGAGACTTGACTGGGCAAC	AGAGCAGGCTGAGTTGGGAGTCGC	152	F: 59.77 R: 68.53
<i>PTCH1</i>	GAGCAGATTTCCAAGGGGAAGG	ATGAGGAGGCCCAACCAA	137	F: 60.95 R: 61.43
<i>SMO</i>	TGAAGGCTGCACGAATGAGG	CTTGGGGTTGTCTGTCCGAA	88	F: 60.67 R: 59.89
<i>GLI1</i>	AGCCTTCAGCAATGCCAGTGAC	GTCAGGACCATGCACTGTCTTG	151	F: 63.67 R: 61.45
<i>GLI2</i>	CTGTGGGTTAGGGATGGACTG	GTAAAGTGGGTGGACGTTGCA	147	F: 59.79 R: 61.08
<i>GLI3</i>	GTGCTCCACTCGAACAGA	TCCAGGACTTTCATCCTCATTAGA	76	F: 56.61 R: 58.72
<i>DNMT1</i>	CCATCAGGCATTCTACCA	CGTTCTCCTTGTCTTCTCT	132	F: 53.52 R: 53.85
<i>DNMT3a</i>	TATTGATGAGCGCACAAGAGAGC	GGGTGTTCCAGGGTAACATTGAG	111	F: 61.29 R: 61.12
<i>DNMT3b</i>	GAGTCCATTGCTGTTGGAACCG	ATGTCCCTCTTGTGCGCCAACCT	305	F: 62.02 R: 63.94
<i>B2M</i>	CAGCCCAAGATAGTTAAGTG	CCCTCCTAGAGCTACCTGT	262	F: 53.40 R: 56.75

Table S2: Description of the antibodies used for WB analyses

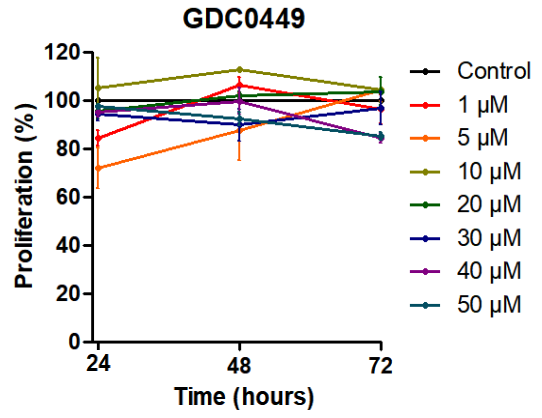
Antibodies	Brand	Species Raised, Monoclonal or Polyclonal	Dilution
SMO	GeneTex	Rabbit, polyclonal	1:500
GLI1	Cell Signaling	Rabbit, monoclonal	1:1000
GLI2	BioRad	Rabbit, monoclonal	1:1000
GLI3	GeneTex	Rabbit, polyclonal	1:1000
DNMT1	Santa Cruz	Rabbit, polyclonal	1:1000
DNMT3a	Santa Cruz	Goat, polyclonal	1:1000
PCNA	Santa Cruz	Rabbit, polyclonal	1:1000
PARP	Santa Cruz	Rabbit, polyclonal	1:1000
RHOGDI	Santa Cruz	Rabbit, polyclonal	1:1000
β -ACTIN	Sigma Aldrich	Mouse, monoclonal	1:5000

Figure S3

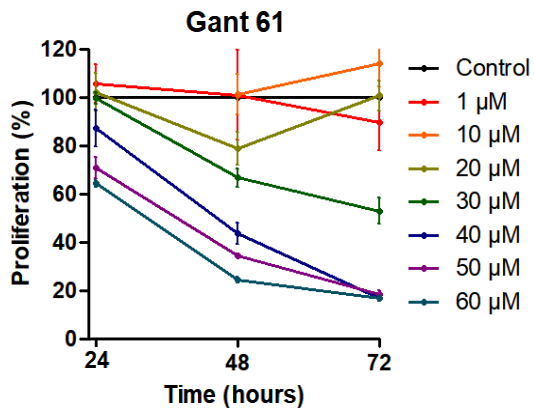
A



B



C



D

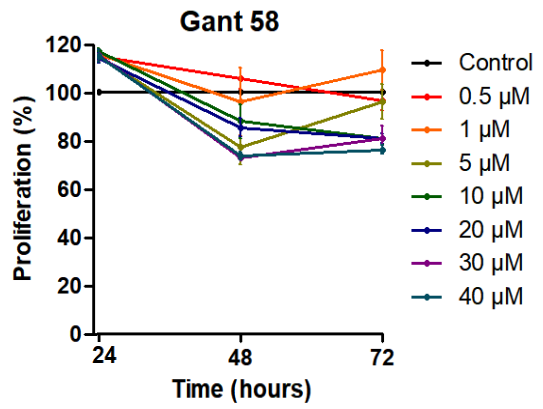
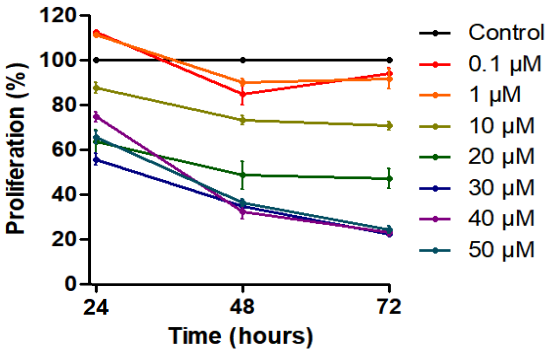


Figure S4

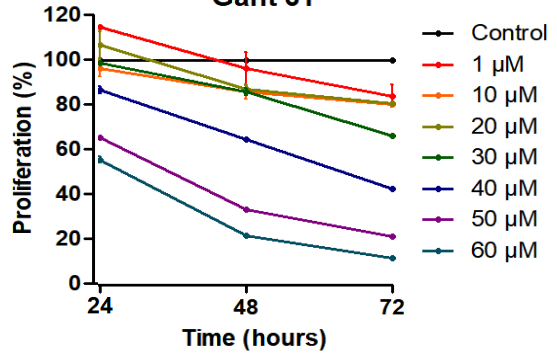
A

LDE 225



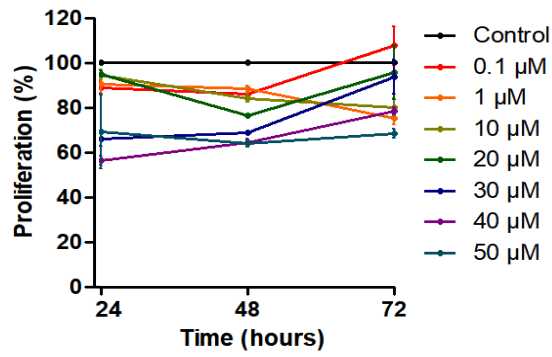
B

Gant 61



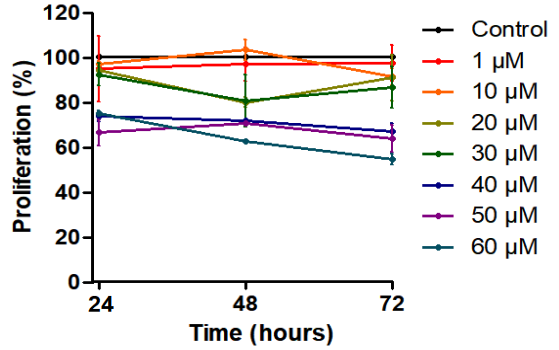
C

LDE 225



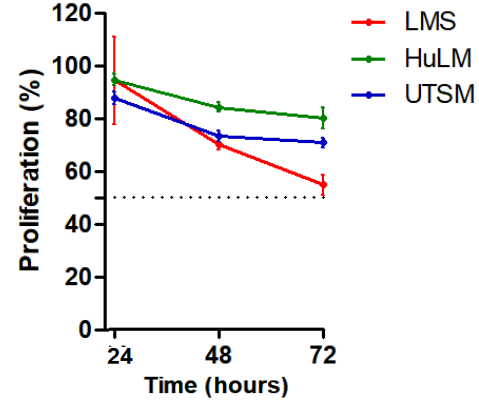
D

Gant 61



E

LDE 225



F

Gant 61

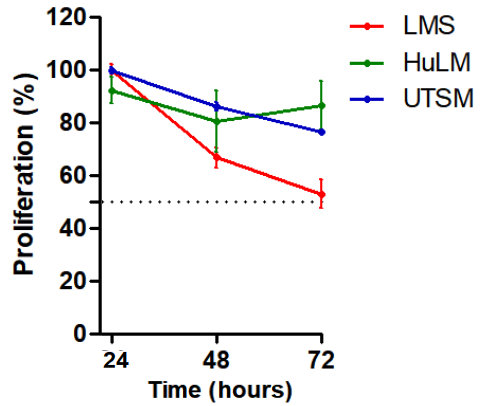


Figure S5

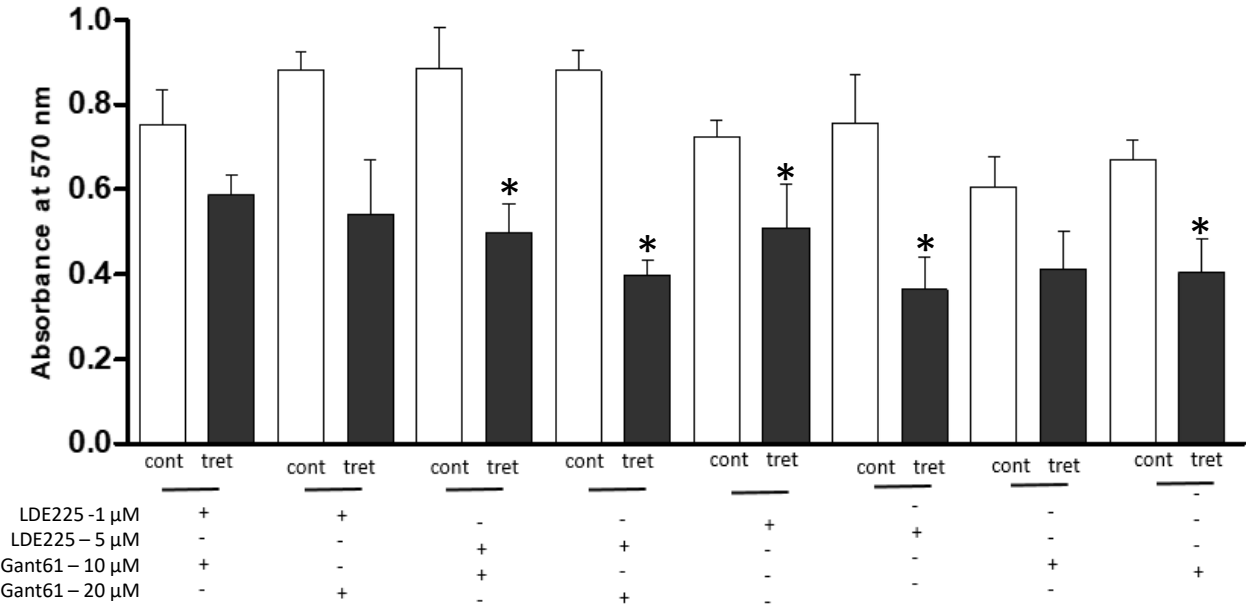


Figure S6

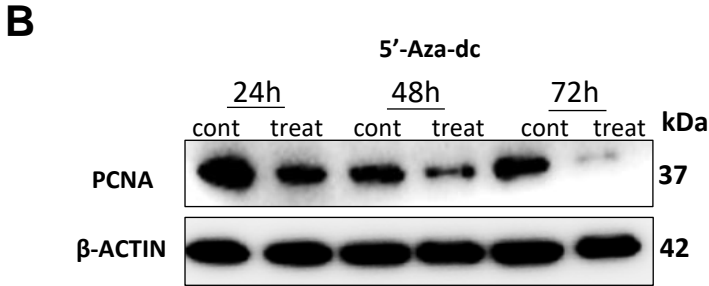
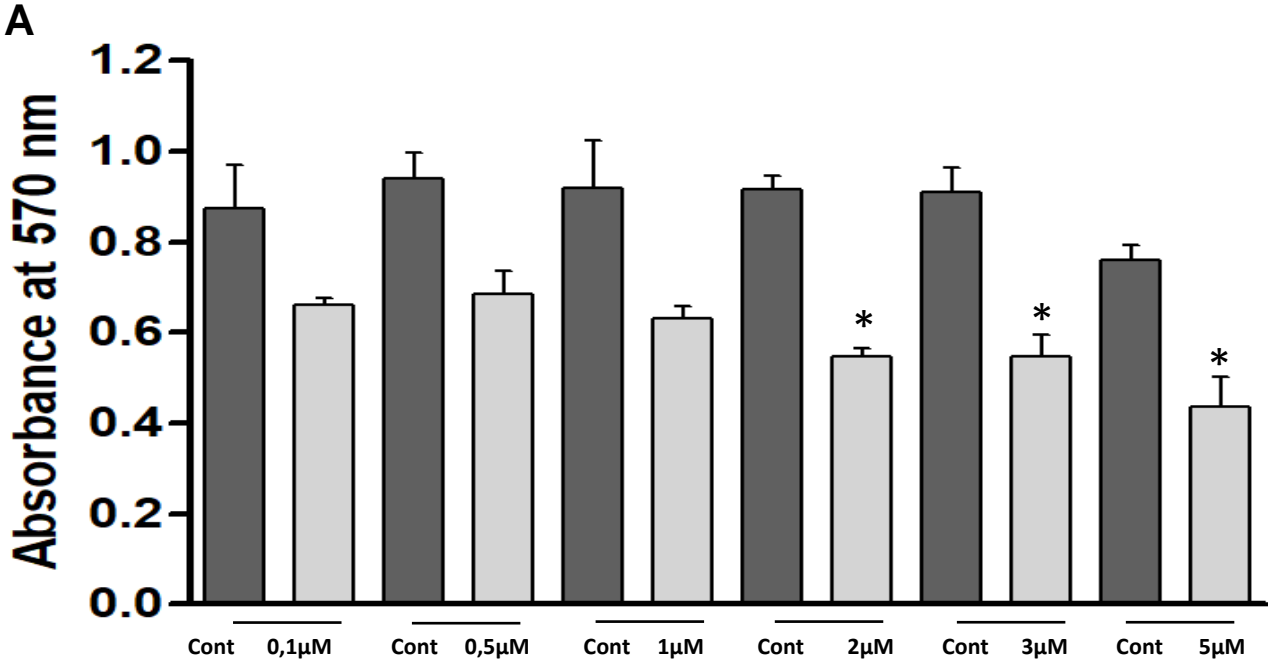
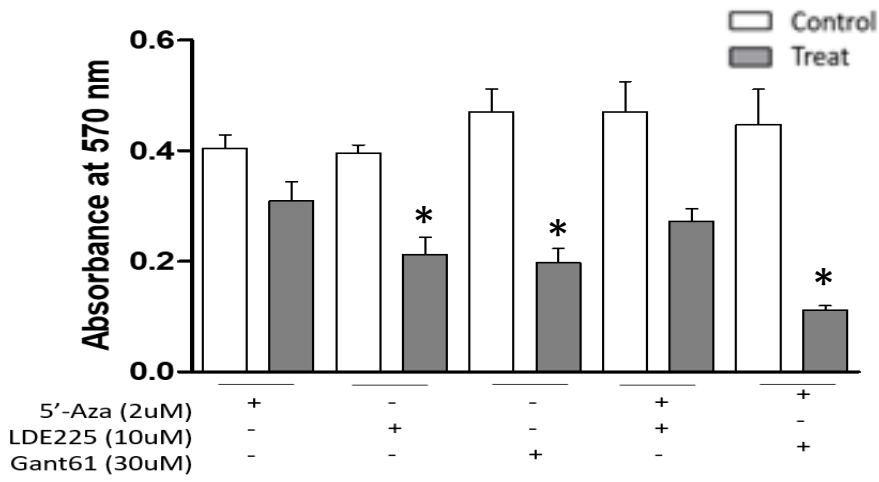


Figure S7

A



B

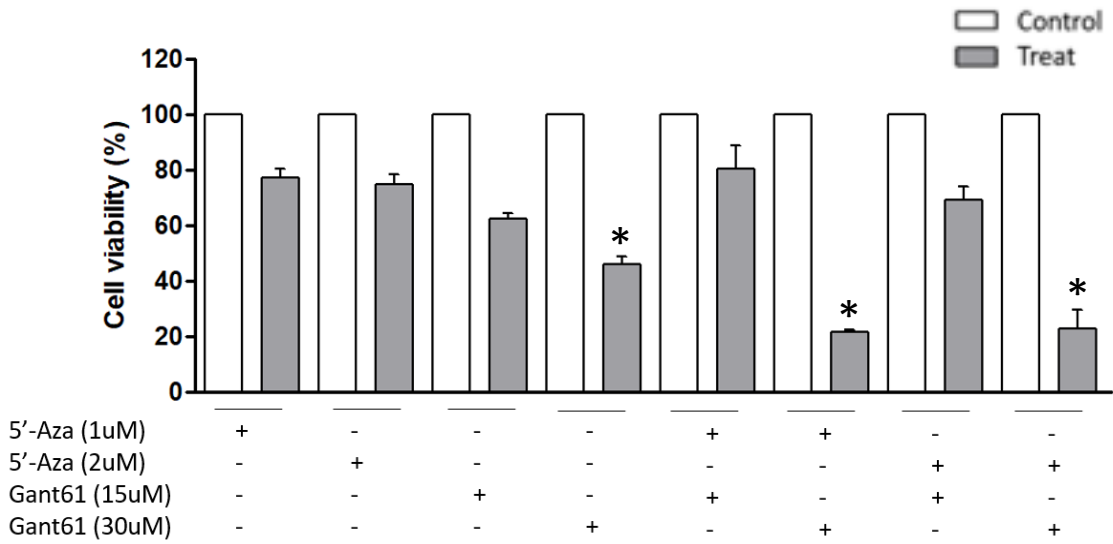


Figure S8

