

Table SI. Concentration of starting RNA used before reverse transcription.

Sample	RNA concentration, ng/ μ l
Ctrl	589
1 uM	586
10 uM	564
50 uM	533
Ctrl, control.	

Table SII. Details of antibodies used in western blot analysis.

Antibody	Marker	Host	Species reactivity	Supplier	Catalogue number	Concentration
4EBP1	-	Rabbit	Mouse, rat, human	Abcam	ab32024	1:5,000
Akt	-	Rabbit	Mouse, rat, human, <i>Xenopus tropicalis</i>	Abcam	ab179463	1:10,000
GAPDH	-	Rabbit	Mouse, rat, rabbit, chicken, human, fish, Monkey, zebrafish, <i>Xenopus tropicalis</i>	Abcam	ab181602	1:10,000
mTOR	-	Rabbit	Mouse, rat, human	Abcam	ab32028	1:5,000
p70S6	-	Rabbit	Human, mouse, rat, monkey	Cell Signaling Technology, Inc.	2708	1:1,000
PI3K	-	Rabbit	Human, mouse, rat, bovine	Cell Signaling Technology, Inc.	4249	1:1,000
PTEN	-	Rabbit	Mouse, rat, human	Abcam	ab32199	1:10,000
Second antibody IgG-HRP	HRP	Goat	Rabbit	Jiangsu Kaiji Biotechnology	KGAA35	1:5,000

HRP, horseradish peroxidase.

Table SIII. Western blot analysis results of PI3K/AKT/mTOR pathway and related protein expression in molt4 cells treated with different concentrations of decitabine.

Decitabine, μ M	PI3K	AKT	mTOR	PTEN	p70s6	4EBP1
0	0.53 $\pm$ 0.06	0.78 $\pm$ 0.09	0.74 $\pm$ 0.03	0.67 $\pm$ 0.01	0.5 $\pm$ 0.05	0.55 $\pm$ 0.04
1	0.54 $\pm$ 0.01	0.65 $\pm$ 0.08	0.67 $\pm$ 0.07	0.67 $\pm$ 0.05	0.45 $\pm$ 0.04	0.53 $\pm$ 0.05
10	0.43 $\pm$ 0.05	0.59 $\pm$ 0.03	0.62 $\pm$ 0.08	0.69 $\pm$ 0.12	0.4 $\pm$ 0.04	0.5 $\pm$ 0.04
50	0.43 $\pm$ 0.06	0.63 $\pm$ 0.01	0.56 $\pm$ 0.08	0.71 $\pm$ 0.03	0.34 $\pm$ 0.04	0.42 $\pm$ 0.05