

Supplementary Materials: Teratoma Growth Retardation by HDACi Treatment of the Tumor Embryonal Source

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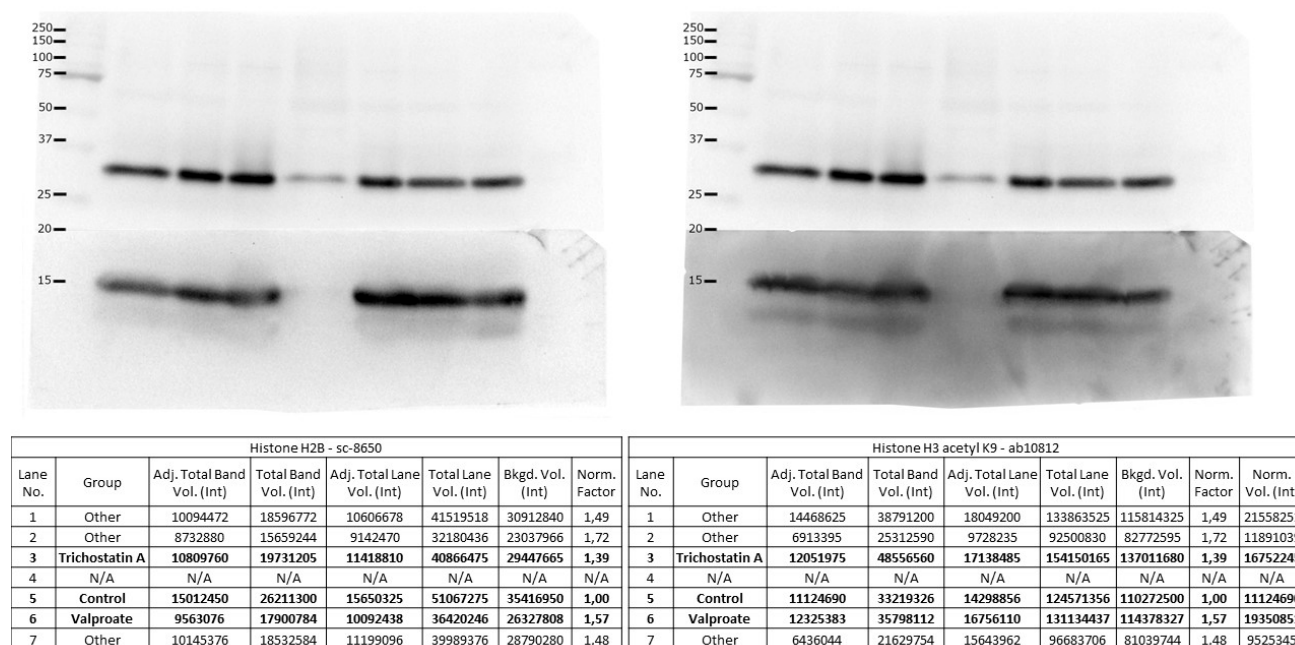


Figure S1. Western blots with densitometry data.

Table S1. Antibodies used in IHC.

Antibody	Catalog Number	Manufacturer	Dilution	HIER	Secondary	Catalog Number	Manufacturer	Dilution
Anti-Oct4	NBP2-67748	Novus Biologics	1:150	pH9 Tris-EDTA	Goat anti-rabbit IgG	ab97051	Abcam	1:1000
Anti-Nanog	ab106465	Abcam	1:200	pH9 Tris-EDTA	Goat anti-rabbit IgG	ab97051	Abcam	1:1000
Anti-p53	sc-126	Santa Cruz Biotechnology	1:500	pH6 citrate buffer	REAL EnVision Detection System	K500711	Dako	ready to use
Anti-Ki-67	ab15580	Abcam	1:500	pH6 citrate buffer	Goat anti-rabbit IgG	ab97051	Abcam	1:1000
Anti-Caspase-3	ab13847	Abcam	1:50	pH6 citrate buffer	Goat anti-rabbit IgG	ab97051	Abcam	1:1000
Anti-8-OHdG	sc-66036	Santa Cruz Biotechnology	1:500	pH6 citrate buffer	REAL EnVision Detection System	K500711	Dako	ready to use

Table S2. Antibodies used in Western blot.

Antibody.	Catalog Number	Manufacturer	Dilution	Secondary	Catalog Number	Manufacturer	Dilution
Anti-Histone H3 (acetyl K9)	ab10812	Abcam	1:500	Goat anti-rabbit IgG	ab97051	Abcam	1:10,000
Anti-Histone H2B	sc-8650	Santa Cruz Biotechnology	1:200	Donkey anti-goat IgG	sc-2033	Santa Cruz Biotechnology	1:20,000

Table S3. Primer sequences used in qPCR.

Gene		Sequence	Annealing/Extension Temperature
<i>Pou5f1</i>	F	5'-AGT TGG CGT GGA GAC TTT GC-3'	60 °C
	R	5'-CAG GGC TTT CAT GTC CTG G-3'	
<i>Nanog</i>	F	5'-TTG CTT ACA AGG GTC TGC TAC T-3'	60 °C
	R	5'-ACT GGT AGA AGA ATC AGG GCT-3'	
<i>Sox2</i>	F	5'-GCG GAG TGG AAA CTT TTG TCC-3'	60 °C
	R	5'-CGG GAA GCG TGT ACT TAT CCT T-3'	
<i>Eomes</i>	F	5'-CCT GGT GGT GTT TTG TTG TG-3'	60 °C
	R	5'-TTT AAT AGC ACC GGG CAC TC-3'	
<i>Nestin</i>	F	5'-CCC TGA AGT CGA GGA GCT G-3'	60 °C
	R	5'-CTG CTG CAC CTC TAA GCG A-3'	
<i>Six3</i>	F	5'-CCG GAA GAG TTG TCC ATG TTC-3'	60 °C
	R	5'-CGA CTC GTG TTT GTT GAT GGC-3'	
<i>Fgf5</i>	F	5'-GCT GTG TCT CAG GGG ATT GT-3'	60 °C
	R	5'-CAC TCT CGG CCT GTC TTT TC-3'	
<i>Myod</i>	F	5'-CCA CTC CGG GAC ATA GAC TTG-3'	60 °C
	R	5'-AAA AGC GCA GGT CTG GTG AG-3'	
<i>Brachyury</i>	F	5'-CTC GGA TTC ACA TCG TGA GAG-3'	60 °C
	R	5'-AAG GCT TTA GCA AAT GGG TTG TA-3'	
<i>Nodal</i>	F	5'-CCT GGA GCG CAT TTG GAT G-3'	60 °C
	R	5'-ACT TTT CTG CTC GAC TGG ACA-3'	
<i>Gata4</i>	F	5'-CCC TAC CCA GCC TAC ATG G-3'	60 °C
	R	5'-ACA TAT CGA GAT TGG GGT GTC T-3'	
<i>Sox17</i>	F	5'-CGA GCC AAA GCG GAG TCT C-3'	60 °C
	R	5'-TGC CAA GGT CAA CGC CTT C-3'	
<i>Cer1</i>	F	5'-CTC TGG GGA AGG CAG ACC TAT-3'	60 °C
	R	5'-CCA CAA ACA GAT CCG GCT T-3'	
<i>Rplp0</i>	F	5'-TCC AGG CTT TGG GCA TCA-3'	60 °C
	R	5'-CTT TAT CAG CTG CAC ATC ACT CAG A-3'	

