

Supplemental Figure 1			
Primers for Targeted Bisulfite Sequencing			
Gene Name	Region Sequenced	Forward Primer (5'-3')	Reverse Primer (5'-3')
LINE1	Accession#D84391.976-1072	GTTAGAGAATTGATAGTTTTGGAATAGG	CCAAAAACAAAACCTTCTCAAACACTATAT
H19	chr7:149766621-149766690	GTTTGTGAATTAGTTGTGGGTTTATA	TAAAAAATAAACTCAATCAATTACAATCC
Hes1	chr16:30055572-30055738	TAGGTAGTTTGTTTTTAAGGAAGTTAG	ACAACCCAACACACCTATAATTT
Dusp6	chr10:98728738-98729028	TTTATGTAGAAGTATTGTTTATGAA	TAACACAAACAACACTACTTTTAAC
c-Fos	chr12:86817243-86817533	GGTATAGAGTTGAGTTTTGTGTAT	CCTTAAACCCACACCTAATATATTT
Vdr	chr15:97731208-97731590	ATGGTTAAAGTTTGTTTTTGGTTTTT	TTAACTCCTTCCATAACAACCTCTC
Olfm4	chr14:80399983-80400271	AGTGGGGTTTGGTGTAAAG	ACACAATCCCACCTTCTACC
MGMT	chr7:144086076-144086345	GGAATAAGTATTTAGGGAGGAAGTATAGAG	CCCCAAAACCTCACCACCTTACA
SFRP5	chr19:42276328-42276453	GTTTGGGTAGTAGAATAGTTGA	CAAATAAATAACAATCTCTAC
HIC1	chr11:74983743-74983918	GGGAGGGGAGAGTGTATTAGTTT	AAAACCTCATTAAATACCATAATAACTCT
S100A4	chr3:90407319-90407489	TTGGAGGGAAGTGTGATATTG	CATAACCCCTCCACCAACCAATCT
MSLN	chr17:25891502-25891643	AGAATTGGAAGTATAGGATAAAGAGAT	ACCTAATACCATTATTTACCTACTA
Primers for q-RTPCR			
Gene Name		Forward Primer (5'-3')	Reverse Primer (5'-3')
Dnmt1		CTTCACCTAGTCCCGTGGCTA	CCCTCTCCGACTCTTCCTT
Beta-actin		GAAGTGTGACGTGACATCCG	GTCAGCAATGCCTGGGTACAT
TBP		CCCCCTGTACCCTTACCAAT	GAAGCTCGGTACAATTCAG