

Table S1. Primers for DNA Methylation Analysis via Pyrosequencing.

Gene	Genomic Location of Amplicon *	Forward Primer	Reverse Primer	Sequencing Primer	# CpG Sites	Details on region
<i>Tp53</i>	chr10: 56185594-56186023	TGGGGTTGGGATTAGGTTAGAAG	Biotin-ACTACACCTCCCAAAAACCT	GTAATTAAAAGTAAATAGAGGA	9	promoter
<i>H19</i>	chr1: 215749439-215749579	GTTTTTGGATTTTAAATTAGTTAG	Biotin- TCCCCAAAAATTA ACTACTTCTAAACT	GTTTTTGGATTTTAAATTAGTTAG	6	imprinting control region (ICR) in the promoter

* From July 2014 Assembly (RGSC 6.0/rn6).