

Table S7. Genes and primers used for bisulfite pyrosequencing.

Gene	Primer	Sequence (5' to 3')	Chromosomal localization (bp)^b	Number and position (relative to TSS) of analyzed CpGs
<i>NANOG</i>	forward	GGAATATGGTTTAATAGGAATGGGATAA	chromosome 12	3
	reverse ^a	CCAAACTAATTTCAAACCTCCTAACTTC	(7,941,610 –	(-296, -300, -
	sequencing	TTTTAAAAATTAAGAAAAAGGT	7,941,761)	302)
<i>OCT4</i>	forward	GGGTTTTGGAAGTTTAGTTAGG	chromosome 6	5
	reverse ^a	CAAACCCTCATTTACCAA	(31,138,275 –	(+92, +84, +77,
	sequencing	ATTTTATTATTTGGAGGGG	31,138,445)	+62, +44)

^abiotinylated primer

^baccording to Ensembl release 62 - April 2011 (based on: Homo sapiens high coverage assembly GRCh37 from the Genome Reference Consortium)

TSS, transcription start site