

Supplementary Table S1 The primer sequences

Gene	Forward	Reverse
<i>Lgr5</i>	5'-GGACCAGATGCGATACCGC-3'	5'-CAGAGGCGATGTAGGAGACTG-3'
<i>Rnf43</i>	5'-CACGAGTTTCATCGAACGTGT-3'	5'-CTGGCGAATGAGGTGGAGT-3'
<i>Myc</i>	5'-ATGCCCTCAACGTGAACTTC-3'	5'-GTCGCAGATGAAATAGGGCTG-3'
<i>Axin2</i>	5'-ATGAGTAGCGCCGTGTTAGTG-3'	5'-GGGCATAGGTTTGGTGGACT-3'
<i>p16</i>	5'-ATGGAGTCCGCTGCAGACAG-3'	5'-ATCGGGGTACGACCGAAAG-3'
<i>p21</i>	5'-ACTTCCTCTGCCCTGCTGC-3'	5'-GGTCTGCCTCCGTTTTTCG-3'
<i>Dnmt1</i>	5'-CCGTGGCTACGAGGAGAAC-3'	5'-TTGGGTTTCCGTTTAGTGGGG-3'
<i>Dnmt3b</i>	5'-CCTGTGGAGTTCCGGCTAC-3'	5'-GACGCTCTTAGGTGTCAC TTC-3'
<i>Sirt1</i>	5'-TGATTGGCACCGATCCTCG-3'	5'-CCACAGCGTCATATCATCCAG-3'
<i>Gapdh</i>	5'-TGTGTCCGTCGTGGATCTGA-3'	5'-CCTGCTTCACCACCTTCTTGA-3'
<i>Lgr5</i> -ChIP	5'-GCGATTTCTTTGAGGCTTTG-3'	5'-ATCCGAAAGATTGGCATCAC-3'
<i>p21</i> -Bisulfite	5'-AAGAGGAGGTTTGTTTAGGTTAGTTAAATT-3'	5'-ACCAATAATTCATCAAAATTACATAACATC-3'