

Supplementary Table 4. Primers for MSP analysis of swine gene promoter methylation.

Swine Genes	Methylation Primers	Genomic DNA Sequence
1 ARHGAP25, (-27/+104)	F. GTTTAGTTTGGTTGGCGC R. ACGACCATCTACTCACCGAT	GCCCAGCCTGGCTGGCGCGCAGCGCTCCTTGGCCCTTCG CTGCCACTGCTCACGTCCCCGGTCAGCTCGCTTGTCTGT CCCTCTCCACAGCTCGGTCAAGGAGCGTGATGACCGGTGA GCAGATGGCCGC
2 ATF4, (-7072/-6918)	F. TTTTAGGAATCGAATTTGAGTC R. AATCGTATAACCTCTATCGCC	TTTCAGGAATCGAACCTGAGCCGAGCAGTGACAACACCG GATCCTTAACCTGCTGATCCAGCAGGGAAGTCTCAAATG CCGTCTTTGGTTGTGTGATGTCTGTCCCTTCTCCAGA CACTGAGCTCCTTGGCGACAGAGGCCACACGACC
3 HOXA5, (-1694/-1479)	F. GTTTTCGGTCGTTTTTGTTC R. TCTTCCACTTCATACGACGA	GCTCCCGGCCGTTTCTGCCCGCAGGTGCTGTGTACGGGA GTCACGGGGCCGAGGCCGCCAGACCTACACCCGCTACC AGACGCTGGAGCTGGAGAAGGAGTTCCACTTCAACCGCTA CCTGACGGGGCCCGCCGCATCAGATCGCAACCGCGCT CTGCCTCACCAGCGCCAGATCAAGATCTGGTTCAGAAAC CGCCGCATGAAGTGAAGA
4 HOXB5, (-1238/-1082)	F. TACGTGGTTTGATTTTCGTC R. CTACCGACAACCTCGCATT	CACGTGGCCTGATCTCCGCCGGCCTTGGCCCGCTCATG GCCTAAATTGGGGCCACCGGGTATCTATTTCTTTGCCTGAA GCTAAAGGCTCCAGGCACCCCTTTCTGCCTCAAGCAGTAG CTCAGCATCAAGTAGGGGAATGCGAAGCTGCCGGCAG
5 HOXD4, (+173/+345)	F. GTGAGTAGATTTTCGGAGGC R. CTAAC TACAAACCCGAACGC	GTGAGCAGACCTTCGGAGGCGGGCCCGGGCCAGGCT CGGCCTGCCACGCGGAGTACAGGGCCAGAACCCAGCG GCCCCGGCGGCACTACGGTGCCCCGGGAGAGCCGTGCC CGGCACCCCGGCGCCCGCCCGCACCCGCTGCCCGGC GCCCCGGCCTGCAGCCAG
6 mir10a, (-219/-45)	F. CGTGTTTTTTTGC GGAATC, R. TCGCGTTCTTCTTTAAAAT	CGTGTCCCTTTGCGGAACCGGCTGCTTCTGTTTCTAAGAGA AGAGAAAAGAGAGTTGAAACCCTTGAATCCCAAGATGGAC CCACAGCGCTTTTCTGTTCCAGAGCGCAACCTAGAA CAAAACGAAATAAAACCAAGCACTCAAACCCACCCCAA GGAAGAACGCGA
7 UBB, (-432/-328)	F. GGGAAGGTGGGAAAGAGGTAG R. AGCATTGAAATTCCCGTTGGG	GGGAAGGTGGGAAAGAGGTAGTATAGCCGGGCTTCTGGA AACCTTGTCCGAATCCTGACGTGGAGAGGGTGTGCACCC CACCTCCAACGGGAATTTCAATGCT