**S4 Table. Primers for Real Time PCR**

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| Gene | Sequence | |
| mmu-miR-32-5p | Sense | GGGCTATGGCACATTACTA |
| Antisense | CAGTGCGTGTCGTGGA |
| mmu-miR-133a-3p | Sense | GGTTTGGTCCCCTTCA |
| Antisense | CAGTGCGTGTCGTGGA |
| mmu-miR-125b-5P | Sense | CACTCCCTGAGACCCTAAC |
| Antisense | TGCGTGTCGTGGAGTC |
| mmu-miR-320-3p | Sense | GGAAAAGGTGGGTTGAGA |
| Antisense | CAGTGCGTGTCGTGGAG |
| mmu-U6 | Sense | GCTTCGGCAGCACATATACTAAAAT |
| Antisense | CGCTTCACGAATTTGCGTGTCAT |
| hsa-miR-32-5p | Sense | CD202-0093 , TIANGEN |
| hsa-miR-16-5p | Sense | CD202-0007 , TIANGEN |
| Drosha | Sense | CAATGATGCTGCCTGTTCT |
| Antisense | TTCTGTCTCCATATTTGGGTT |
| Dicer | Sense | AGCCGTCAGAACTCACTCG |
| Antisense | GAATCGCAAGATGACACTC |
| GAPDH | Sense | GAGACCTTCAACACCCCAGC |
| Antisense | ATGTCACGCACGATTTCCC |
| Runx2 | Sense | AACTTCCTGTGCTCCGTGCT |
| Antisense | CCTGGCTACTTGGTTTTTCA |
| MGP | Sense | CACCCGAGACACCATGAAGAG |
| Antisense | GCAGCGTTGTAGCCGTAGACC |
| BMP2 | Sense | TGCCCCCCTATATGCTAGAT |
| Antisense | GCAGATGTGAGAAACTCGT |
| OPN | Sense | GAATCTGACGAATCTCACCAT |
| Antisense | ACTCCTTAGACTCACCGCTCT |