**Supplementary Table 1: primer list**

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|  **Primer Name** |  **Primer Sequence (5’-3’)** |
| GAS-41 CDS forward primer | AAAAAGCGGCCGCATGTTCAAGAGAATGGCCG |
| GAS-41 CDS reverse primer  | CGCGGATCCTTATATGTCTTTTGCTTGGTCATC |
| GAS-41 UTR forward primer | CCGCTCGAGCCCACAGTTCTCATGAGAACTTGGTAGTAAGC |
| GAS-41 UTR reverse primer | CGCGCGCGGCCGCTAACTGTATTGAGGGAGTTCCAGAAAG |
| GAS-41-RT forward primer | TAAAGGGTGTTACTATCGTTAAACCAA |
| GAS-41-RT reverse primer | TCTTAAAGGATTGCCATAGCTTTC |
| Pre-miR-203 forward primer | CCGCTCGAGCTCGTCTAAGGCGTCCGGTACG |
| Pre-miR-203 reverse primer | CCGGAATTCCGGAGTTTCGAGGTGCGG |
| miR-203-SDM forward primer | GGCATCAAAATGTCATTATAAAGTATTACTTGTACAAAT |
| miR-203-SDM reverse primer | ACTTTATAATGACATTTTGATGCCTGTCAAAAGGGTAAT |
| hsa- miR-203 forward primer | GTGAAATGTTTAGGACCACTAG |
| hsa- miR-10b forward primer | TACCCTGTAGAACCGAATTTGTG |
| U6 snRNA | CGCAAGGATGACACGCAAATTC |
| P21 FL forward primer | CAGAGGTACCCTTCCTAGGCAGCTTCTGCAGCC |
| P21 FL reverse primer | CAG AAAGCTTGTATATCAGGGCCGCGCTGAGC |
| P21 -2500 to -1400 forward primer | CAGAGGTACCCTTCCTAGGCAGCTTCTGCA |
| P21 -2500 to -1400 reverse primer | CAG AAAGCTTGGAGGACAGGCTTCTTTCTCC |
| P21 -1400 to +100 forward primer |  CAGAGGTACCCCGAGGTCAGCTGCGTTAGA |
| P21 -1400 to +100 reverse primer | CAGAAAGCTTCGCTCTCTCACCTCCTCTGA |
| Pri-miR-203 forward primer | TCGGGGGCTCCTCTCTCC |
| Pri-miR-203 reverse primer | CCCCTGACTGTGACTCTG |
| P53si RNA sense | CAGUCUCCCUCCCGCCAUAUU |
| P53siRNA anti sense | AAUAUGGCGGGAGGUAGACUG |
| Anti-miR-203 | TAGTGGTCCTAAACATTTCA |
| GAS41 siRNA | GAGCUUAAGGAGAGAUUAAdTd |
| P53 FOR | GTTCCGAGAGCTGAATGAGG |
| P53 REV | TCTGAGTCAGGCCCTTCTGT |
| GAPDH FOR | CTCATGACCACAGTCCATGC |
| GAPDH REV | TTCAGCTCTGGGATGACCTT |