**Supplementary Table 1 Primers used for quantitative real-time polymerase chain reaction**

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|  **Gene** |  **Type** | **Primer (5′–3′)** |
| MSTRG.86040.7 | lncRNA | F:TGGAGAGGCAAAGGCAGAGAGGR:GGAGTGAACCAACAGACGGAAGAC |
| MSTRG.24371.1 | lncRNA | F:TGCCTTTGACCTTCCGTGCTATGR:AGCCCAGAGCGACTGACTTCC |
| MSTRG.58645.12 | lncRNA | F:CAGAGAAGTGGACAGTGCGGTTCR:AGGACAGTAGCAGAGCAAGAGGAG |
| MSTRG.27151.1 | lncRNA | F:TGGCACAAGTAGAAGGGAGCTAGGR:GTTGACAAGGAGGAGGAGGAGGAG |
| MSTRG.75325.14 | lncRNA | F:GCAGCGAACTAATGGCAAAGGAAGR:AGGCAGAGTGGACAGTGAGTGAG |
| MSTRG.87246.18 | lncRNA | F:ATGGCAGAGACGCAAGCACTTCR:GTCCTGACGCTCCACTTCCAATAC |
| MSTRG.69384.5 | lncRNA | F:CTGTGAATAGCCACTGCACTCCAGR:AGGTCACCATATTGATGCCGAACTTAG |
| MSTRG.86040.9 | lncRNA | F:GGAGTTTCAGAGATGGAGAGGCAAAGR:GGAGTGAACCAACAGACGGAAGAC |
| MSTRG.25442.2 | lncRNA | F:TAAAGGACAGGCATTTGGCAGAGTGR:CAGGAGCAGAGCATCATGGACTTG |
| MSTRG.90026.2 | lncRNA | F:TGGAGTCTGGTTGGGAGCCTTATCR:TGGAGTCTGGTTGGGAGCCTTATC |
| MSTRG.27082.4 | lncRNA | F:TCATCCACGGATTAGTTCTTGCTTCAGR:ATGTCTCAATCAGTCTCGCCGAATG |
| MSTRG.102609.16 | lncRNA | F:TTCCCTTCGCAGACCTTCATTTCACR:ACAAGAACAGAACGCAGAGCCAAG |
| MSTRG.68818.7 | lncRNA | F:TCTCACTGTCCACTCTGCCTGTCR:TCTCACTGTCCACTCTGCCTGTC |
| MSTRG.22927.1 | lncRNA | F:AACCGATGCCCTCTTTGATCTGAACR:TTCCTTGCTCCACCTGCTGTTTG |
| MSTRG.25430.16 | lncRNA | F:ATCTCTCTGCCTCTCCTTTCTCTCTGR:CTTAACCTCTGTGTTCTTTCCCTCCTC |
| MSTRG.90336.3 | lncRNA | F:TCTCACTGTCCACTCTGCCTGTCR:CTGCTGTGCCAGTATGTTACCTCTC |
| MSTRG.45608.5 | lncRNA | F:GTGCCCACATCTCATACCCTAATGCR:GAGCCATCACTTACTGCCTTCCTTG |
| MSTRG.41179.7 | lncRNA | F:ACTGGCTGCTTCCTCCTCATATCCR:GTGTCCTGTATGTACTGCGTCCAAG |
| MSTRG.42937.5 | lncRNA | F:CTTGTATCGTGGCAAAGTGGGTTAAACR:TAGGCACATCAGCAGAGGCAGAG |
| MSTRG.32775.12 | lncRNA | F:GTGAAGGACATAGCGAGCCAGATGR:AGAGAAGCAGCACAAGCCTCATTC |
| LPL | mRNA | F:TGGGCTGTGTAGATAGTGGGAAGGR:TTACGAGACCAACGCTGCTGAAAG |
| COL6A6 | mRNA | F:CTGGCATTGTGGTAGACTGAGTAAGGR:AGCAGGGAGTTGGATTGTAATTGGAG |
| PPP2R2B | mRNA | F:ACAACACAATCCGCAGACTTAGACCR:TTCAGGCACCATTTCAAGACTCAGAC |
| LIF | mRNA | F:TTCCTGTTTGCACCATTTCCTCTCCR:TTGCTCCTCTACTGTCCCTTGTCC |
| IBSP | mRNA | F:TGCGAGGAATTTATGTGGAACTGAGGR:GTTAGGTGATGAGCATGGATGGAGAC |
| MMP9 | mRNA | F:AGTGTCTGCTCTCATCTCCTCAGTACR:AGTGTCTGCTCTCATCTCCTCAGTAC |
| CACNA1D | mRNA | F:CGTCTCGTAACATCAGCAGGTCTAAGR:TAAGCAATCAGCACCAGGCACTTG |
| HHIP | mRNA | F:CCTTCCTTGTGTTGGCTTCATTCTTGR:AGGGCTAAGTCTGGAGTCTGAGTTC |
| WNT10B | mRNA | F:AGGGCTAAGTCTGGAGTCTGAGTTCR:CAGGACTCAAGAAAGCCAGGGAAC |
| PIK3CD | mRNA | F:TGATCTCCTGTCTGCCTTCACCTCR:AAGTCCACCGCCACATTCTGATTC |
| RAC2 | mRNA | F:CTGCTCACTTCTGCTTTGGGTCTGR:CAAGGTAACTCCGAATGGCTGGAAG |
| COL9A2 | mRNA | F:TCTCGTTATAGCGTCAAATAGCCAGTCR:GGTAAAGAAACACAGCAGCCAAAGG |
| SMOC2 | mRNA | F:CTGGTACTTCAAGCTCCTGGACAAGR:CCACGAACTTCTTCACGCATTTCTTC |
| FGFR2 | mRNA | F:CTATGCTTGTACTGCTGCTAGGACTGR:TCTCTTGCTGTTACTGTTCTCACTGAC |
| POSTN | mRNA | F:TCCTAATTCCTGACTCTGCCAAACAAGR:AGGTGCCAGCAAAGTGTATTCTCC |
| CILP | mRNA | F:CAGACAGACAGCAATGGGAGGTTCR:GTGAGCACAATGGGAGCAAACTTG |
| SEMA3E | mRNA | F:CCTGCCCACAAGAAACCCATACTGR:GTCCTCCGCTTCTACCCGATCC |
| ZNF385B | mRNA | F:GCCAAGAAGGTCAAAGCACTAGAGGR:TGTTGCCTGTGATTGGAGTGATGG |
| MFAP4 | mRNA | F:AGGAAGACGGCTACACTCTCTACGR:CGGTCGAAGGTGGAGAATTTCTGG |
| TBX3 | mRNA | F:CAACATCTCGGACAAGCATGGATTTACR:TCATTGGCTCTTACGATGTGGAACC |
| FBLN5 | mRNA | F:ACCGCTCTCTGCTCCCAACTACR:GCACACTCGTCCACATCCACAC |
| ITGB8 | mRNA | F:AATGCCTTCACCCTCACAATCTGTCR:CACTCTGATGCCTGCTCCACATAAG |
| HHIP | mRNA | F:CCTTCCTTGTGTTGGCTTCATTCTTGR:AGGGCTAAGTCTGGAGTCTGAGTTC |
| β-actin | Maker | F:CAGATGTGGATCAGCAAGCAGGAGR:TAGGTTTCGTCGAGAGAGGGTGTC |

F: Forward; lncRNA: Long noncoding RNA; R: reverse.