**Table S1.** Primer sequences used in RT-qPCR

|  |  |  |
| --- | --- | --- |
| Gene | Forward | Reverse |
| S1PR1 | ATGGTGTCCACTAGCATCCC | CGATGTTCAACTTGCCTGTGTAG |
| S1PR2 | ACAGCAAGTTCCACTCAGCAA | CTGCACGGGAGTTAAGGACAG |
| S1PR3 | ACTCTCCGGGAACATTACGAT | CCAAGACGATGAAGCTACAGG |
| S1PR4 | TGC GGG TGG CTG AGA GTG | TAG GAT CAG GGC GAA GAC C |
| S1PR5 | CTT AGG ACG CCT GGA AAC C | CCC GCA CCT GAC AGT AAA TC |
| MMP2 | AAGTGGGACAAGAACCAGATC | GATTCGAGAAAACCGCAGTG |
| MMP9 | AGGGGCGTGTCTGGAGATTC | TCCAGGGCACACCAGAGAAC |
| MMP14 | CATCTGTGACGGGAACTTTGA | GGCAGTGTTGATGGACGCA |
| GADPH | CGGAGTCAACGGATTTGGTCGTA | AGCCTTCTCCATGGTGGTGAAGAC |