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| --- | --- | --- | --- | --- |
| **GenBank number** | **Gene Name** | **Product length(bp)** | | **Sequence (5'-3')** |
| NM\_001205396 | *Gprc5d* | | 194 | Sense: GGAGTCCTTGGCAGTGATTGG  Antisense: CAGGGGCAGTTTGATGGTTG |
| NM\_177383 | *Gpr21* | | 81 | Sense: AACCCCAGACCTGTCCAGATAA  Antisense:ATGGCAACCAGAGGACATAAAAC |
| NM\_207537 | *Mrgprb3* | | 124 | Sense: CTGAGCATTACCACCATCATTAGC  Antisense:GAGATAGAGCCCAAAGCAAGACAC |
| NM\_181754 | *Gpr141* | | 211 | Sense: TACTGGCACACCACTTAACATC  Antisense: AATCCAAACGTCCAAGTCCCT |
| NM\_001013832 | *Gpr31b* | | 146 | Sense: TGAAGGGCAAGACCTGGAAA  Antisense: AACTCTGAGCCGAGGATGGAC |
| NM\_145379 | *Mrgprf* | | 117 | Sense: CCATTGAGCAGATTGCTACGC  Antisense: TGGAGAAGCCGAAAAACCAGA |
| NM\_001034868 | *Mrgprx2* | | 115 | Sense: CAGTGGAAGGGATCTAAGAGTGG  Antisense: GGTACAAGACACGACTTCACAA |
| NM\_183031 | *Gpr183* | | 128 | Sense: ATGGCTAACAATTTCACTACCCC  Antisense: ACCAGCCCAATGATGAAGACC |
| NM\_173398 | *Gpr171* | | 99 | Sense: ACTGCTGCTGGCGGTGTCTA  Antisense: GGTGAGGCGAAAGTCTCGGT |

**Table S1 Primers for qRT-PCR analysis**