|  |  |  |  |
| --- | --- | --- | --- |
| **GenBank number** | **Gene Name** | **Product length(bp)** | **Sequence (5'-3')** |
| NM\_001205396 | *Gprc5d* | 194 | Sense: GGAGTCCTTGGCAGTGATTGGAntisense: CAGGGGCAGTTTGATGGTTG |
|  NM\_177383 | *Gpr21* | 81 | Sense: AACCCCAGACCTGTCCAGATAAAntisense:ATGGCAACCAGAGGACATAAAAC |
| NM\_207537  | *Mrgprb3* | 124 | Sense: CTGAGCATTACCACCATCATTAGCAntisense:GAGATAGAGCCCAAAGCAAGACAC |
| NM\_181754  | *Gpr141* | 211 | Sense: TACTGGCACACCACTTAACATCAntisense: AATCCAAACGTCCAAGTCCCT |
| NM\_001013832 | *Gpr31b* | 146 | Sense: TGAAGGGCAAGACCTGGAAAAntisense: AACTCTGAGCCGAGGATGGAC |
| NM\_145379 | *Mrgprf* | 117 | Sense: CCATTGAGCAGATTGCTACGCAntisense: TGGAGAAGCCGAAAAACCAGA |
| NM\_001034868 | *Mrgprx2* | 115 | Sense: CAGTGGAAGGGATCTAAGAGTGGAntisense: GGTACAAGACACGACTTCACAA |
| NM\_183031  | *Gpr183* | 128 | Sense: ATGGCTAACAATTTCACTACCCCAntisense: ACCAGCCCAATGATGAAGACC |
|  NM\_173398 | *Gpr171* | 99 | Sense: ACTGCTGCTGGCGGTGTCTAAntisense: GGTGAGGCGAAAGTCTCGGT |

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