|  |  |  |
| --- | --- | --- |
| Gene symbol | Forward primer (5’-3’) | Reverse primer (5’-3’) |
| VSIG10 | CCACATAGTTGGGCCAGAGT | TGTGGCTGAGGAACCTTACC |
| SLC1A4 | GGGCCATGTTATTCATGGAG | TGGGGAGAATAAACCTGCTG |
| AKR1C1 | AAGCCAGGGCTCAAGTACAA | GGCAACCAGAACAATGTCTTT |
| LEF1 | ACAGATCACCCCACCTCTTG | TGATGGGAAAACCTGGACAT |
| SPINK1 | TGTCTGTGGGACTGATGGAA | TCAACAATAAGGCCAGTCAGG |
| SPP1 | GCCGAGGTGATAGTGTGGTT | TGAGGTGATGTCCTCGTCTG |
| PTGFRN | GATGCACGCTCCTACCATTT | GGTTCTAGCCAGGTCACACC |
| CD109 | AGATGATCTCAATCATGTGG | ACACTGAAGCATCTTGGG |
| MAP2 | GGAGGAAGCAGCAGGTGGGGA | GTCTCCTGACACACCTCGCCG |
| OR2I1P | GCTACCTCCTGACCTTGACG | TAGTAGTGAAGCCCGCGTCT |
| TSPAN8 | TTGCTGTAGGTGCCATCATC | TCATTCACAATGCGATCAGAC |

**Table S1** Primer sequences used for qRT-PCR in normal, haemochromatosis background liver and haemochromatosis-related HCC.