**Supplementary Table 1**

The forward and reverse premiers of ABCC transporter sub-family

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| --- | --- | --- | --- |
| No. | name | sequence | accession |
| 1 | ABCC4 F | GGAGAGCCAAGATACAGAGAATG | NM\_005845 |
| ABCC4 R | GAGCACCAGCTCTGAAGTAAT |  |
| 2 | ABCC5 F | ACCATCCACGCCTACAATAAA | NM\_001023587 |
| ABCC5 R | GCATCGCACACGTAAACAAA |  |
| 3 | ABCB1-F | TAATGCGACAGGAGATAGG | NM\_000927 |
| ABCB1-R | AAGAACAGGACTGATGGC |  |
| 4 | ABCC1-F | GAGGAAGGGAGTTCAGTCTT | NM\_019898 |
| ABCC1-R | ACAAGACGAGCTGAATGAGT |  |
| 5 | ABCC2-F | CTCACTTCAGCGAGACCG | NM\_000392 |
| ABCC2-R | CCAGCCAGTTCAGGGTTT |  |
| 6 | ABCC3-F | CTCTTCACTGTGGTCATCCT | NM\_003786 |
| ABCC3-R | TGGAGATGATGTAGGGGTAG |  |
| 7 | ABCC6-F | GCAACTGGACAGACCTAGAG | U91318 |
| ABCC6-R | GAGCTCAGGTCGGTATCTTA |  |
| 8 | ABCC10-F | CGGTTGTCATCTCCATCGTTAT | NM\_001198934 |
| ABCC10-R | ACCCAAGGGAAGTTGTTGAG |  |
| 9 | ABCC11-F | CTGAGGTTCCAGAGAACAAG | NM\_032583 |
| ABCC11-R | ACTCAGAGACTTCACACATT |  |
| 10 | ABCC12-F | GGGAACCCACAAGGAGTTAAT | NM\_033226 |
| ABCC12-R | GCTGCATTGTAAAGGTGTTCAG |  |
| 11 | ABCG2-F | CTCACAATTGCCTACCTGAA | NM\_004827 |
| ABCG2-R | CTTCAATCAAAGTGCTTCTTTT |  |