Supplementary Table 2 Primers used for qRT-PCR

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Target gene | Forward sequence(5’ 🡪 3’) | Reverse sequence(5’ 🡪 3’) | Product size (bp) | Reference |
| CYP1A1 | GATTGAGCACTGTCAGGAGAAGC | ATGAGGCTCCAGGAGATAGCAG | 138 | [1] |
| GAPDH | GAGTCAACGGATTTGGTCGT | TTGATTTTGGAGGGATCTCG | 238 | [1] |

qRT-PCR conditions: holding temperature of 95oC for 2 min, cycling condition of 95oC for 10 seconds, 60oC for 15 seconds, 72oC for 20 seconds for 40 cycles. Melting temperature of 35oC - 95oC.

**Reference:**

[1] Ye J, Coulouris G, Zaretskaya I, et al. Primer-BLAST: a tool to design target-specific primers for polymerase chain reaction. BMC bioinformatics. 2012;13:1-11.