Table 1. Primer sequence list.

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| Gene | Accession# | Sequence (5'‑3') | Product length(bp) |
| Forward primer | Reverse primer |
| β-actin | NM\_031144.3 | GGAGATTACTGCCCTGGCTCCTA | GACTCATCGTACTCCTGCTTGCTG | 150 |
| Cyp1a1 | NM\_012540.2 | CATTGTGCCTGCCTCCTACTT | GTTCCTGTGGGTCTCTGCTGT | 81 |
| Cyp1a2 | NM\_012541.3 | CACAGCACAACGAGGGACA | TCTGGGCGGAACACAAAG | 128 |
| Cyp2b1 | NM\_001134844.1 | GGGAAAGAGGAGTGTGGAAGAA | GAGCAGATGATGTTGGCTGTG | 132 |
| Cyp2b2 | NM\_001198676.1 | GGGAAAGAGGAGTGTGGAAGAA | GGAGAATGAACTTAGGAGGGAAAAG | 229 |
| Cyp2c6 | NM\_001013904.1 | CTGTTGCTCCTGCTGAAGTGTCC | CCGCATGTGGCAGGTTGGTAG | 181 |
| Cyp2c11 | NM\_019184.2 | AGCTTGGTGGCTACTGTAACTGAC | CAGCAGCAGCAGGAGTCCATAC | 87 |
| Cyp2d2 | NM\_012730.1 | GCCTGGAAGCCTGTAGTTGTGATC | TCGTCTCTGCTCTCGCCACTC | 180 |
| Cyp2e1 | NM\_031543.1 | GGAAGGATGTGCGGAGGTT | CAGAAATGTGGGGTCAAAAGG | 149 |
| Cyp3a1 | NM\_013105.2 | ATGATTCCATCTTATGCTCTTCACC | CTGCCCTTGTTCTCCTTGCT | 95 |
| Cyp3a2 | NM\_153312.2 | GATCCTTTTGTGGAGAAAACCAAG | TTGGGGTGAGGAATGGAAAG | 94 |
| Cyp4a1 | NM\_175837.1 | CCACTCATTCCTGCCCTTCT | GCCACAATCACCTTCATCTCAC | 84 |
| Cyp7a1 | NM\_012942.2 | AACCTGTGTGTGAGGGACCAG | TTGCTTGAGATGCCCAGAGA | 130 |
| Cyp8b1 | NM\_031241.1  | GCGATGAAGGCTGTGCGAGAG | GTCTCTTCCATCACGCTGTCCAG | 131 |
| Cyp7b1 | NM\_019138.1 | GAAGCTATGGAAGTCCTGCGTGAC | GGAGCACAACCTCAGAACCTCAAG | 156 |
| Cyp27a1 | NM\_178847.3 | TCGCACCAATGTGAATCTGGCTAG | CTTCCACTGCTCCATGCTGTCTC | 97 |
| AhR | NM\_013149.2 | GCTGGATAATTCATCTGGTTTCCT | GTCTTTCCCTTTCTTGTTCTGTCC | 85 |
| CAR | NM\_022941.4 | GCATTGGATTGGAAAGGGTAAA | GATGACCGCACGAAGAGACA | 111 |
| PXR | NM\_052980.2 | ATCCCCACCTCAGAAGACAAAG | AGAACCCCAGACCCTACACAAA | 127 |
| PPARα | NM\_013196.1 | TTGCTGAAGTACGGTGTGTATGAA | TTAGGAACTCTCGGGTGATGAAG | 112 |
| FXR | NM\_021745.1 | CAGCCACAGATCTCCTCCTC | TCTTTGTCACAGGCATCTCG | 160 |
| Ugt1a1 | NM\_012683.2 |  ACACCGGAACTAGACCATCG | TTGGAACCCCATTGCATATT | 153 |
| Ugt1a2 | NM\_201423.2 | GGCTTCGAACCACAACATTT | GCTGCACAAGAATTTGCGTA | 92 |
| Sult1a1 | NM\_031834.1 | TTTGCAGAGACAATTGGGCC | GCCACACTTCTCTAGCTTGC | 144 |
| Sult1a2 | NM\_031732.2 | AACTTCCAAGCAAAGCCTGA | AACATCCCCATCATTTTGGA | 105 |
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