**Supplementary Table 1. List of primer sequence for reverse transcriptase polymerase chain reaction and the amplicons obtained for different genes**

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| --- | --- | --- | --- |
|  | **Genbank**  **accession** | **Primers**  **(5’–3’)** | **Amplicon**  **size (bp)** |
| **CYP7A1** | NM\_012942 |  | 381 |
| **Upstream:** | GCTATTCTCTGGGCATCTCAAG |
| **Downstream:** | GAAAGTCAAAGGGTCTGGGT |
| **LDL-R** | NM\_l75762.2 |  | 154 |
| **Upstream:** | GGACACCTGCCAAGATCAAG |
| **Downstream:** | ATGCTGGAGATGGAGTGGAG |
| **HMGCR** | [NM\_013134.2](http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&id=40538851) |  | 151 |
| **Upstream:** | GGACCAACCTTCTACCTCAG |
| **Downstream:** | GCCAATGCTGCCATCAAG |
| **FXR** | [NM\_021745.1](http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&id=11120689) |  | 114 |
| **Upstream:** | GTGACAAAGAAGCCGCGAAT |
| **Downstream:** | GCAGGTGAGCGCGTTGTAAT |
| **β-acting** | NM\_031144 |  | 76 |
| **Upstream:** | GGGAAATCGTGCGTGACATT |
| **Downstream:** | GCGGCAGTGGCCATCTC |