**Supplementary Table 1. Primer sequences of the genes used for the quantitative real-time polymerase chain reaction**

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| --- | --- | --- |
| Gene | Forward (5′ to 3′) | Reverse (5′ to 3′) |
| FXR | GCTTGATGTGCTACAAAAGCTG | CGTGGTGATGGTTGAATGTCC |
| CYP7A1 | GCTGTGGTAGTGAGCTGTTG | GTTGTCCAAAGGAGGTTCACC |
| FGF15 | ATGGCGAGAAAGTGGAACGG | CTGACACAGACTGGGATTGCT |
| ZO-1 | GCCGCTAAGAGCACAGCAA | GCCCTCCTTTTAACACATCAGA |
| Occludin | TGAAAGTCCACCTCCTTACAGA | CCGGATAAAAAGAGTACGCTGG |
| GAPDH | ACGGCAAATTCAACGGCACAG | AGACTCCACGACATACTCAGCAC |

FXR, farnesol X receptors; CYP7A1, cytochrome P450 family 7 subfamily A member-1; FGF15, fibroblast growth factor 15; ZO-1, tight junction protein-1.