**Supplemental Table 1**. Primers used in this study

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| --- | --- | --- | --- |
| Gene symbol | Sense primer | Antisense primer | Accession no. |
|  |  |  |  |
| ATP5G1 | 5’-ACAGCAACTTCCCACTCCAG-3’ | 5’-GCCAAGAATGGCATAGGAGA-3’ | NM\_005624 |
| CLDN1 | 5’-CCGTTGGCATGAAGTGTATG-3’ | 5’-CCAGTGAAGAGAGCCTGACC-3’ | NM\_021101 |
| CXCL14 | 5’-AAGCTGGAAATGAAGCCAAA-3’ | 5’-GGCGTTGTACCACTTGATGA-3’ | NM\_004887 |
| CYP3A4 | 5’-CAAGACCCCTTTFTFFAAAA-3’ | 5’-CGAGGCGACTTTCTTTCATC-3’ | NM\_017460 |
| DUOX2 | 5’-CGGCAATCATCTATGGAGGT-3’ | 5’-ATGTGCAGGCTGAGTGTGTC-3’ | NM\_014080 |
| ICAM-1 | 5’-CTTGAGGGCACCTACCTCTG-3’ | 5’-CATTATGACTGCGGCTGCTA-3’ | NM\_000201 |
| NDUFA9 | 5’-CCGGAAGCCATTATCGTAAA-3’ | 5’-TTCACCAGGTGGAAAAGGAG-3’ | NM\_005002 |
| NOS2 | 5’-CTCTATGTTTGCGGGGATGT-3’ | 5’-TTCTTCGCCTCGTAAGGAAA-3’ | NM\_000625 |
| OCLN | 5’-TCCAATGGCAAAGTGAATGA-3’ | 5’-GCAGGTGCTCTTTTTGAAGG-3’ | NM\_002538 |
| PPIA | 5’-GGCAAATGCTGGACCCAACACA-3’ | 5’-TGCTGGTCTTGCCATTCCTGGA-3’ | NM\_021130 |
| PTGS2  RPS23 | 5’-ATCACAGGCTTCCATTGACC-3’  5’-AGGAAGTGTGTAAGGGTCCAGC-3’ | 5’-CAGGATCACGCTCCACAGCA-3’  5’-CACCAACAGCATGACCTTTGCG-3’ | NM\_000963  NM\_001025 |
| SOD2 | 5’-GGAAGCCATCAAACGTGACT-3’ | 5’-CTGATTTGGACAAGCAGCAA-3’ | NM\_001024465 |
| TFF1 | 5’-CACCATGGAGAACAAGGTGA-3’ | 5’-TGACACCAGGAAAACCACAA-3’ | NM\_003225 |