**Forward and reverse oligonucleotide sequences of target gene primers.**

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| --- | --- | --- |
| ***Gene*** | ***Primer*** | ***Primer sequences (5′-3′)*** |
| ***Brain*** | | |
| TNF- α | Forward | CAGCCGATTTGCCATTTCATAC |
| Reverse | GGCTCTGAGGAGTAGACGATAA |
| IL-1β | Forward | CTATGTCTTGCCCGTGGAG |
| Reverse | CATCATCCCACGAGTCACA |
| ICAM-1 | Forward | CTTCCGACTAGGGTCCTGAA |
| Reverse | CTTCAGAGGCAGGAAACAGG |
| ZO-1 | Forward | CACCACAGACATCCAACCAG |
| Reverse | CACCAACCACTCTCCCTTGT |
| ***Lung*** | | |
| IL-6 | Forward | CTCCGCAAGAGACTTCCAG |
| Reverse | CTCCTCTCCGGACTTGTGA |
| TNF- α | Forward | CAGCCGATTTGCCATTTCATAC |
| Reverse | GGCTCTGAGGAGTAGACGATAA |
| E-selectin | Forward | TGCCAAGAACAGGAATACCC |
| Reverse | CTCCCAGGATTTGAGGAACA |
| ICAM-1 | Forward | CTTCCGACTAGGGTCCTGAA |
| Reverse | CTTCAGAGGCAGGAAACAGG |
| ***Kidney*** | | |
| KIM-1 | Forward | GAAGAAAACAATGGATCAAGGGAT |
| Reverse | GGAGTGGAAATGGCTCTAATGAAC |
| ZO-1 | Forward | CACCACAGACATCCAACCAG |
| Reverse | CACCAACCACTCTCCCTTGT |
| Syndecan | Forward | GTTCCGCTGGTTTTGTTGTTT |
| Reverse | GATGAAGGCTGTTCCCAGGTA |
| IL-6 | Forward | CTCCGCAAGAGACTTCCAG |
| Reverse | CTCCTCTCCGGACTTGTGA |
| *36B4* | Forward | GGATCACTCAGGAGCAGGAG |
| Reverse | CTTGGCACTCAAGAGGAAGG |

TNF, tumor necrosis factor; ICAM,intercellular adhesion molecule; ZO-1, zonula occludens; KIM, kidney injury molecule-1; IL-6, interleukin-6; IL-1β, interleukin-1 beta; 36B4, acidic ribosomal phosphoprotein P0.