**Table 2: List of primers used**

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| Primer | Forward 5'-3' | Reverse 5'-3' |
| *Beta actin* | TGTTACCAACTGGGACGACA | GGGGTGTTGAAGGTCTCAAA |
| *ADIPOQ* | GTTGCAAGCTCTCCTGTTCC | TCTCCAGGAGTGCCATCTCT |
| *ACC* | CAGAACATGTGGGTGTCCAG | GGGCGTTCTTTGAAATACCA |
| *ACOX* | GTGCAGCTCAGAGTCTGTCCAA | TACTGCTGCGTCTGAAAATCCA |
| *FASN* | CTGCCTCTGGTGCTTGCT | GTCCGTGTACTCCTCCCCT |
| *IL 6* | GATGGATGCTACCAAACTGGA | GAGCATTGGAAATTGGGGTA |
| *TNFα* | AAGCCTGTAGCCCACGTCGTA | GGCACCACTAGTTGGTTGTCTTTG |
| *NFκB* | GAGGTCTCTGGGGGTACCAT | TTGCGGAAGGATGTCTCCAC |
| *iNOS* | CACCTTGGAGTTCACCCAGT | ACCACTCGTACTTGGGATGC |
| *ADAM 8* | ATGCCCTCATGAACCAGTGG | GTGCCTTGGAGAGAGGTCAC |
| *CD 68* | GGGGCTCTTGGGAACTACAC | GTACCGTCACAACCTCCCTG |
| *F4/80* | TCTGGGGAGCTTACGATGGA | GAATCCCGCAATGATGGCAC |
| *MIP-1α* | CATATGGAGCTGACACCCCG | TTGGAGTCAGCGCAGATCTG |
| *GLUT4* | GATTCTGCTGCCCTTCTGTC | ATTGGACGCTCTCTCTCCAA |
| Total Bacteria | ACTCCTACGGGAGGCAGCAGT | ATTACCGCGGCTGCTGGC |
| AKK | CAG CAC GTG AAG GTG GGG AC | CCT TGC GGT TGG CTT CAGAT  |
| BACT | ACGCTAGCTACAGGCTTAACA | ACGCTACTTGGCTGGTTCA |
| FIRM | GCGTGAGTGAAGAAGT | CTACGCTCCCTTTACAC |
| ROS | GCGGTRCGGCAAGTCTGA | CCTCCGACACTCTAGTMCGA |
| BP | GGTGTCGGCTTAAGTGCCAT | CGGAYGTAAGGGCCGTGC |
| BIF | TCGCGTCYGGTGTGAAAG | CCACATCCAGCRTCCAC |
| LAB | CACCGCTACACATGGAG | AGCAGTAGGGAATCTTCCA |
| ENTB | CATGACGTTACCCGCAGAAG | CTCTACGAGACTCAAGCTTG |

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