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| **Gene** | **Accession Number** | **Forward Primer**  | **Reverse Primer**  |  |
| *Gapdh* | NM\_008084 | AAAGACTGGAGCCCCACACTCTAC | ATCCCGTATTTCACCTCTGCTTC |  |
| *Xbp1s* | NM\_013842 | GAG TCC GCA GCA GGT  | GTG TCA GAG TCC ATG  |  |
| *Xbp1u* | NM\_013842 | CGCAGACTGCTCGAGATAGA | CCACAAGGCCGTGAGTTTTC |  |
| *Ddit3* | NM\_007837 | GCAGCGACAGAGCCAGAATA | CAAGGTGAAAGGCAGGGACT |  |
| *Hspa5* | NM\_022310 | GTGTGTGAGACCAGAACCGT | GCAGTCAGGCAGGAGTCTTA |  |
| *Edem1* | NM\_026041 | CAAGTGTGGGTACGCCACG | AAAGAAGCTCTCCATCCGGTC |  |
| *Blos1* | NM\_013886 | CAAGGAGCTGCAGGAGAAGA | CCAGGAGGGTGAAGTAAGAGG |  |
| *Col61a* | NM\_009933 | TGCTCAACATGAAGCAGACC | TTGAGGGAGAAAGCTCTGGA |  |
| *Atf4* | NM\_009716 | CCTATAAAGGCTTGCGGCCA  | GCTGGATTTCGTGAAGAGCG  |  |
| *Ucp1* | NM\_009463 | CACCTTCCCCCTGGACACT | CCCTAGGACACCTTTATACCT |  |
| *Prdm16* | NM\_001277052 | AGGAGGAGGAGAGAGATTCCG | GTCCGGGTCAGGTTCATACAT |  |
| *Ppargc1a*  | NM\_008904 | CCCTGCCATTGTTAAGACC | TGCTGCTGTTCCTGTTTTC |  |
| *Cidea* | NM\_009369 | ATCACAACTGGCCTGGTTACG | TACTACCCGGTGTCCATTTCT |  |
| *Cox5b* | NM\_007752 | TGCTACCTCCAAAGGCAGCTTC | CATCGCTGACTCTCGCCTTTGT |  |
| *Cox7a1* | NM\_022025 | CAGCGTCATGGTCAGTCTGT | AGAAAACCGTGTGGCAGAGA |  |
| *Cox8b* | NM\_009944 | GAACCATGAAGCCAACGACT | GCGAAGTTCACAGTGGTTCC |  |
| *Ppara* | NM\_011144 | TTCCCTGTGAACTGACGTTT | CCACCATGTTGGATGGATGTG |  |
| *Dio2* | NM\_010050 | AGAGTGGAGGCGCATGCT | GGCATCTAGGAGGAAGCTGTT |  |
| *Adrb1* | NM\_007419 | CCGAAAGCAGGTGAATGCAA | AGCCAGTAAGCCATACTAAGCCACA |  |
| Adrb2 | NM\_009715 | CATTGATGTGTTGTGCGTCA | ACTCGGGCCTTATTCTTGGT |  |
| Adrb3 | NM\_007420 | CCTTCCGTCGTCTTCTGTGT | AGCCATCAAACCTGTTGAGC |  |
| *Tnfa* | NM\_013693 | CTGAACTTCGGGGTGATCGG | CTACGACGTGGGCTACAGG |  |
| *Il1b* | NM\_008361 | TGCCACCTTTTGACAGTGATG | TGATGTGCTGCTGCGAGATT |  |
| *Il6* | NM\_031168 | CACTTCACAAGTCGGAGGCT | CTGCAAGTGCATCATCGTTGT |  |
| *Ccl2* | NM\_011333 | AGGTCCCTGTCATGCTTCTG | TCTCCAGCCTACTCATTGGGA |  |
| *Mgl1* | NM\_021357 | CAGATCTGGGGCCGTCAAG | GGGAGGAAATGCATCTGGGT |  |
| *Il10* | NM\_010548 | AGGCGCTGTCATCGATTTCT | ATGGCCTTGTAGACACCTTGG |  |
| *Adgre1* | NM\_010130 | TCTGCTTCTGTACAGCCACG | CCTCAGAACCCACAGTGTCC |  |
| *Cd68* | NM\_009853 | TGTTCAGCTCCAAGCCCAAA | GTACCGTCACAACCTCCCTG |  |
| *Abca1* | NM\_013454 | TAGCAGCACCGTGTCTTGTC | GCGTGTCACTTTCATGGTCG |  |
| *Cd36* | NM\_001159558 | TCCAGCCAATGCCTTTGC | TGGAGATTACTTTTCAGTGCAGAA |  |
| *Plin2* | NM\_007948 | TCTGCGGCCATGACAAGTG | GCAGGCATAGGTATTGGCAAC |  |
| *Atp6v1b2* | NM\_025989 | AGCCTCGTCTCACCTACAAGA | CTCAGCGTATCTGGGAAACTT |  |
| *Atp6v0d2* | NM\_001289445 | AGCCAGCCTAACTCAGC | GCTTCTTCCTCATCTCCGTGTC |  |
| *Lamp2* | NM\_010685 | ATGTGCCTCTCTCCGGTTAAA | GCAAGTACCCTTTGAATCTGTCA |  |
| *Lipa* | NM\_008519 | GGAAACAGCAGAGGAAACACCT | CACGGGAGCCAAGACTAAAAC |  |
| *Fabp4* | NM\_024406 | GGGGCCAGGCTTCTATTCC | GGAGCTGGGTTAGGTATGGG |  |
| *Fabp5* | NM\_001272613 | ACGGCTTTGAGGAGTACATGA | CTCGGTTTTGACCGTGATG |  |
| *Ctsb* | NM\_007798 | CAATGGCCGTTGAATGCACA | TGGTGTATGGTAAGCAGTG |  |
| *Trem2* | NM\_031254 | AAAGCTAGCATGGAACCTCTC | TTGAATTCGAGCTCTCTAGACGT |  |
| *Cd9* | NM\_007657 | TGGGGCTATACCCACAAGGA | GCTTTGAGTGTTTCCCGCTG |  |
| *Pepck* | NM\_011044 | TGAAAGGCCGCACCATGTAT | GGGCGAGTCTGTCAGTTCAA |  |
| *G6p* | NM\_008061 | ATCCGGGGCATCTACAATG | TGGCAAAGGGTGTAGTGTCA |  |
| *Acc* | NM\_133360 | GCCTCTTCCTGACAAACGAG | TGACTGCCGAAACATCTCTG |  |
| *Scd1* | NM\_009127 | GAGGCCTGTACGGGATCA | GCCCAGTCGTACACGTCA |  |
| *Fasn* | NM\_007988 | GCTGGCATTCGTGATGGAGTCGT | AGGCCACCAGTGATGATGTAACTCT |  |
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