

**Supplemental Table 4. Primer sequences used in this study**

| Gene            | Forward                  | Reverse                  |
|-----------------|--------------------------|--------------------------|
| <i>Irf3</i>     | GGCTTGTGATGGTCAAGGTT     | CATGTCCTCCACCAAGTCCT     |
| <i>Fabp4</i>    | AAGGTGAAGAGCATCATAACCCT  | TCACGCCTTTTCATAACACATTCC |
| <i>AdipoQ</i>   | TTGTTCTCTTAATCCTGCCCA    | CCAACCTGCACAAGTTCCCTT    |
| <i>Prdm16</i>   | CAGCACGGTGAAGCCATT       | GCGTGCATCCGCTTGTG        |
| <i>Ucp1</i>     | ACTGCCACACCTCCAGTCATT    | CTTTGCCTCACTCAGGATTGG    |
| <i>Cox7a1</i>   | GCTCTGGTCCGGTCTTTTAG     | CTTTCAAGTGTAAGTGGGAGGTC  |
| <i>Cox8b</i>    | GAACCATGAAGCCAACGACT     | GCGAAGTTCACAGTGGTTCC     |
| <i>Dio2</i>     | CAGTGTGGTGCACGTCTCCAATC  | TGAACCAAAGTTGACCACCAG    |
| <i>Elovl3</i>   | ATGCAACCCTATGACTTCGAG    | ACGATGAGCAACAGATAGACG    |
| <i>Bcl2l12</i>  | CTGTCCGCAGGCTCTTTCG      | CCAAGGCAGGAAGCTGTGT      |
| <i>Tbp</i>      | ACCTTTCACCAATGACTCCTATG  | TGACTGCAGCAAATCGCTTGG    |
| <i>36b4</i>     | GAGGAATCAGATGAGGATATGGGA | AAGCAGGCTGACTTGGTTGC     |
| <i>Pparg</i>    | TCGCTGATGCACTGCCTATG     | GAGAGGTCCACAGAGCTGATT    |
| <i>Ppargc1α</i> | CCCTGCCATTGTAAAGACC      | TGCTGCTGTTCTGTTTTTC      |
| <i>Ifit1</i>    | CAAGGCAGGTTTCTGAGGAG     | GAAGCAGATTCTCCATGACC     |
| <i>Ccl5</i>     | GCTGCTTTGCCTACCTCTCC     | TCGAGTGACAAACACGACTGC    |
| <i>Tnf</i>      | GACGTGGAAGTGGCAGAAGAG    | ACCGCCTGGAGTTCTGGAA      |
| <i>Il6</i>      | CCACGGCCTTCCCTACTTC      | TTGGGAGTGGTATCCTCTGTGA   |
| <i>Nos2</i>     | ACATCGACCCGTCCACAGTAT    | CAGAGGGGTAGGCTTGTCTC     |
| <i>Ym1</i>      | CAGGTCTGGCAATTCTTCTGAA   | GTCTTGCTCATGTGTGTAAGTGA  |
| <i>Arg1</i>     | CTCCAAGCCAAAGTCCTTAGAG   | GGAGCTGTCATTAGGGACATCA   |
| <i>Il10</i>     | GCTATGCTGCCTGCTCTTACT    | CCTGCTGATCCTCATGCCA      |
| <i>Isg15</i>    | CATCTATGAGGTCTTTCTGACGC  | TTAGGCCATACTCCCCCAGC     |
| <i>Herc6</i>    | AATTGGTGGCCGTGTTTCAC     | CCTGATGAGTTGGGTTGCTTG    |