

Supplemental Table 1

| | Sequence (5'-3') | |
|-------------------|------------------------|-------------------------|
| Gene | Forward | Reverse |
| GAPDH | ACCACAGTCCATGCCATCAC | TCCACCACCCTGTTGCTGTA |
| IL-6 | TACCACTTCACAAGTCGGAGGC | CTGCAAGTGCATCATCGTTGTTC |
| LIF | GTCTTGGCCGCAGGGATTG | GCACAGGTGGCATTACAGG |
| Myostatin | AGTGGATCTAAATGAGGGCAGT | GTTTCCAGGCGCAGCTTAC |
| BDNF | GGGTCACAGCGGCAGATAAA | GCCTTTGGATACCGGGACTT |
| IL-15 | TCTCCCTAAAACAGAGGCCAA | TGCAACTGGGATGAAAGTCAC |
| Irisin | CAACGAGCCCAATAACAACA | AGAAGGTCCTCTCGCATTCTC |
| COXIV | CTCCAACGAATGGAAGACAG | TGACAACCTTCTTAGGGAAC |
| IGF-1 | GCATTGTGGATGAGTGTTGC | GGGAGGCTCCTCCTACATTC |
| GLUT4 (SLC2A4) | ATGGCTGTCGCTGGTTTCTC | ACCCATGCCGACAATGAAGT |
| AdipoR1 | CCCCCTTACCCCGTCCTTAC | GGCGTGGCTTTGTTTGTCTA |
| GPRC6A | TGTGCATTGCCTTCAAAGAG | GAGAGCCAAGGAGTCATCCC |
| gp130 | CTGAGGGACCGGTGGTGTG | GGAAACAAGTTCGCTGCCTC |
| CD36 | GGCTAAATGAGACTGGGACC | CAAACATCACCCTCCAATCC |
| CPT1B | TTCAACACTACACGCATCCC | GCCCTCATAGAGCCAGACC |

Supplemental Table 1: Mouse Primer Sequences used for RT-PCR.