**Supplemental Tables**

Table 1. List of antibodies used for immunoblotting.

|  |  |  |  |
| --- | --- | --- | --- |
| **Supplier** | **Antibody** | **Source** | **Catalog Number** |
| Cell Signaling | AKT | Mouse monoclonal | 2920 |
| Cell Signaling | AKTpS473 | Mouse monoclonal | 4051 |
| Cell Signaling | AKTpS473 | Rabbit polyclonal | 9271 |
| Cell Signaling | AMPKα | Rabbit polyclonal | 2532 |
| Cell Signaling | AMPKαpT172 | Rabbit polyclonal | 2531 |
| Abclonal | PDK4 | Rabbit polyclonal | A13337 |
| R&D Systems | STAT5B | Rabbit polyclonal | AF1584 |

List of primer sequences for qPCR

|  |  |  |
| --- | --- | --- |
| **Gene** | **Forward Primer** | **Reverse Primer** |
| *Cs* | AGAACTCATCCTGCCTCGT | CCTGCTCCTTAGGTATCAGATTG |
| *Foxo1* | CTTCAAGGATAAGGGCGACAG | AGTTCCTTCATTCTGCACTCG |
| *Mdh1* | GGCACAGCCTTGGAGAAATA | CTGGATACTGGGTCGATGAATG |
| *Mdh2* | GAAGGAGTCGTTGAGTGTTCTT | CTCACACCTCTCACTTCATGTT |
| *Nos3/Enos* | CTTGAGGATGTGGCTGTGT | TGGTCCACTATGGTCACTTTG |
| *Pdk4* | CATCGCCAGAATTAAACCTCAC | GGCATTCTTGAAGAGTTCGAAG |
| *Pepck/Pck1* | GCCGAGACTAGCGATGGGGGT | TGGGCACATGGTTCCGCGTC |
| *Pgc1α* | TGCAGCCAAGACTCTGTATG | TCAGAAAGGTCAAGTTCAGGAAG |
| *Ppia* | CCACTGTCGCTTTTCGCCGC | TGCAAACAGCTCGAAGGAGACGC |
| *Tfam* | AAACCAAAAAGACCTCGTTCAG | TTTCCAAGCCTCATTTACAAGC |
| *Ubb* | CCAGTGGGCAGTGATGG | GCTTACCATGCAACAAAACCT |