**Table S1.** Overview of used primers.

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene** | **Supplier:** **Identifier** | **Forward Primer Sequenz (5‘→3‘)** | **Reverse Primer Sequenz (5‘→3‘)** |
| **Actin****(human)** | Qiagen:Hs\_ACTB\_2\_SG | Sequence not provided by supplier |
| **Adiponectin****(human)** | Qiagen: Hs\_ADIPOQ\_1 SG | Sequence not provided by supplier |
| **C/EBPα****(human)** | Qiagen: Hs\_CEBPA\_1\_SG | Sequence not provided by supplier |
| **CD137****(human)** | Eurofins MWG Operon | AGCTGTTACAACATAGTAGCCAC | TCCTGCAATGATCTTGTCCTCT |
| **FNDC5 (human)** | Qiagen:Hs\_FNDC5\_1\_SG | Sequence not provided by supplier |
| **MYH1****(human)** | Eurofins MWG Operon | CCAGACTGTGTCTGCTCTCTTCAG | CAGGACAAGCTCATGCTCCAT |
| **MYH2****(human)** | Eurofins MWG Operon | AAGGTCGGCAATGAGTATGTCA | CAACCATCCACAGGAACATCTTC  |
| **MYH7****(human)** | Qiagen:Hs\_MYH7\_1\_SG | Sequence not provided by supplier |
| **PGC1α (human)** | Qiagen: Hs\_PPARGC1A\_1 SG | Sequence not provided by supplier |
| **PPARγ (human)** | Qiagen: Hs\_PPARG\_1 SG | Sequence not provided by supplier |
| **TCF21 (human)** | Qiagen: Hs\_TCF21\_2\_SG | Sequence not provided by supplier |
| **UCP1 (human)** | Qiagen: Hs\_UCP1\_3\_SG | Sequence not provided by supplier |
| **ZIC1 (human)** | Qiagen: Hs\_ZIC1\_1\_SG | Sequence not provided by supplier |