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

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| --- | --- | --- | --- | --- |
| **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 | | |