**Supplementary Table S1.** The sequence of quantitate PCR oligonuceoltide primers used for the gene expression analysis *in the semitendinosus muscle* of female piglets at birth

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Full gene name** | **Oligonuceoltide name** | **Reference** | **Forward transcription** | **Reverse transcription** | **Efficiency** | **Product size** |
| *Myosin heavy chain type I* | *MyHC I* | NM\_213855.1 | GCTCAGCAATCTGTTTGCCA | GGAGCGCAAGTTGGTCATCA | 76.9 | 145 |
| *Myosin heavy chain type IIa* | *MyHC IIa* | NM\_214136.1 | ATTGAGGCCCAGAATAGGCCC | TCCGTCTTCACTGTCACTTTCC | 91.6 | 122 |
| *Myosin heavy chain type IIb* | *MyHC IIb* | NM­\_001123141.1 | GTACATCTAGTGCCCTGCTGC | CGCCACAAAGACTGACGTTT | 98.6 | 162 |
| *Myosin heavy chain type IIx* | *MyHC IIx* | NM\_001104951.1 | TTTCCTCTTCACTGGCGCA | ATGATGCAGCGCACAAAGTG | 79.9 | 171 |
| *Eukaryotic translation elongation factor 1 alpha* | *EEF1A1* | NM\_001097418.2 | TATCCTCCTCTGGGCCGATT | TAAGACTGGGGTGGCAGGTA | 98.2 | 171 |