

Supplementary Table

Table S1. The list of primers used for quantitative RT-PCR

Gene	TaqMan assay number or Primer sequences (5' to 3'; F, forward; R, reverse)
<i>β-actin</i>	Mm00607939_s1
<i>β-actin</i>	F: GGCTGTATTCCCCTCCATCG R: CCAGTTGGTAACAATGCCATGT
<i>Atp5a1</i>	Mm00431960_m1
<i>Bmp15</i>	Mm00437797_m1
<i>activin-β</i>	F: AGATCCCGCACCTCGAC G: TGGTTGCCTTCATTAGAGACG
<i>Cox1</i>	Mm04225243_g1
<i>Cox3</i>	F: TTTGCAGGATTCTTCTGAGC R: TGAGCTCATGTAATTGAAACACC
<i>Cre</i>	F: ATGCTTCTGTCCGTTTGCC R: CAACACCATTTTTCTGACCC
<i>Dnaja3</i>	Mm00469723_m1
<i>Gdf9</i>	Mm00434083_m1
<i>Hspd1</i>	F: AGTGGATGACCTCGTGTTATGC R: GGATCTAGTTTCTGGCCTCTTCG
<i>Hspe1</i>	F: TGGTAATCTTTAGCGGTGCTC R: GGAGGACTTTATCCCACAGC
<i>Mfn2 flox</i>	F: GAAGTAGGCAGTCTCCATCG R: AACATCGCTCAGCCTGAACC
<i>Ndufv1</i>	Mm00504941_m1
<i>Sdhb</i>	Mm00458272_m1
<i>Uqcrc2</i>	Mm00445961_m1
Telomeric	F: CGG TTT GTT TGG GTT TGG GTT TGG GTT TGG GTT TGG GTT R: GGC TTG CCT TAC CCT TAC CCT TAC CCT TAC CCT TAC CCT
36B4 control	F: ACT GGT CTA GGA CCC GAG AAG R: TCA ATG GTG CCT CTG GAG ATT

Abbreviations: *Atp5a1*: ATP synthase, H⁺ transporting, mitochondrial F1 complex, alpha subunit 1; *Bmp15*: bone morphogenetic protein 15; *Cox1*: cytochrome c oxidase subunit I; *Cox3*: cytochrome c oxidase subunit III; *Drp1*: Dynamin related protein 1; *Gdf9*: growth differentiation factor 9; *Mfn2*: mitofusin 1; *Ndufv1*: NADH dehydrogenase (ubiquinone) flavoprotein 1; *Opa1*: mitochondrial dynamin like GTPase; *Sdhb*: succinate dehydrogenase complex iron sulfur subunit B; *Uqcrc2*: ubiquinol cytochrome c reductase core protein 2.