

## Supplementary material

### S1. Real-Time PCR Primer List

<b>Transcripts</b>	<b>Primer FWD 5' - 3'</b>	<b>Primer REV 5' - 3'</b>
<b>GAPDH</b>	AACCCATCACCCATCTTCCAG	GTGGTTCACACCCATCACAA
<b>PGC 1<math>\alpha</math></b>	TGATGTGAATGACCTGGACACAGACA	GCTCATTGTTGTACTGGTTGGATATG
<b>MFN1</b>	CTGCGATCTTCGGCCAGTTA	AGCCCTGTATCTCCACCAGAT
<b>MFN2</b>	GACTCCAGCCATGTCCATGAT	GGCAGTGACAAAGTGCTTGAG
<b>OPA1</b>	TCTTCACTGCGGGTACACCT	TTCTCCTTCTCCAAACGCTCC
<b>DRP1</b>	ATGGTGGTCAGGAACCGACA	GCAAATTGACAGCATGGCCT
<b>MyHCI</b>	CTCGCTCCCTCAGCACAGA	CTGCTCAGTCAAGTCGGAGATCT
<b>MyHCIIa</b>	AAACCCTGAAGCGAGAGAACAA	TCATGGATACGTTTCCCTCCTT
<b>MyHCIIx</b>	CAAAGGTGAAATCCTACAAGAGACAA	TGGATCCTCCGGAATTTGG
<i>Atrogin-1</i>	GTCCAGAGAGTCGGCAAGTC	GTAGCCGGTCTTCACTGAGC
<b>MuRF1</b>	GAGAACCTGGAGAAGCAGCT	CCGCGGTTGGTCCAGTAG
<b>SMART</b>	ACCATGGCGTCGGTAGCGGGGACA	CTCGGCTGTGTCCTCCTTTGCACTG
<b>Fbxo31</b>	CCATACGGAGGACTGCTGA	GTACATCCACCCGATGATGA
<b>Actin</b>	AGGTCATCACCCATCGGCAAT	AAGGAAGGCTGGAAGAGCGT