

S2 Table. List of qRT-PCR primers

Primer for qRT-PCR:		
Gene	Forward	Reverse
Med30	CGTGCAGGACATCGTGTACC	CAGCTTTGTCCGGTCTT
Mycn	ACCATGCCGGGGATGATCT	AGCATCTCCGTAGCCCAATTC
Hey2	AAGCGCCCTTGTGAGGAAAC	GGTAGTTGTCCGGTGAATTGGAC
Angpt1	CACATAGGGTGCAGCAACCA	CGTCGTGTTCTGGAAGAATGA
Gja1	ACAGCGGTTGAGTCAGCTTG	GAGAGATGGGGAAGGACTTGT
Gja5	GGTCCACAAGCACTCCACAG	CTGAATGGTATCGCACCCGAA
Tnnt2	CAGAGGAGGCCAACGTAGAAG	CAGAGGAGGCCAACGTAGAAG
Tnni2	CGGAGGGTGCATGTCTG	CAGGTCCCCTTCCTTCTCA
Kcnh2	GACACCATCATCCGCAAGTTT	CAGAAGCCGTCTTTCAGTA
Kcnip2	GGATGAGTTTGAAGTATCCACGG	GACAATTCCGCTGGGACATTC
KcnJ3	TGCGTGGCCAATGTCTATAA	CAGGATGGACTGGAAGAGGA
Cacna1c	CCTGCTGGTGGTTAGCGTG	TCTGCCTCCGTCTGTTTAGAA
Scn4a	AGTCCCTGGCAGCCATAGAA	CCCATAGATGAGTGGGAGGTT
Acadm	AGGGTTTAGTTTTGAGTTGACGG	CCCCGCTTTTGTTCATATTCCG
Kcnk3	ACGGAGGCAAGGTGTTCTG	ACGACACGAAACCGATGAGC
Abcc9	CATAGCTCATCGGGTTCACAC	ATGTCTGCACGGACAAACGA
Acat1	CAGGAAGTAAGATGCCTGGAAC	TTCACCCCTTGGATGACATT
Tnni3	TCTGCCAACTACCGAGCCTAT	CTCTTCTGCCTCTCGTTCCAT
Pln	AAAGTGCAATACCTCACTCGC	GGCATTTCATAGTGGAGGCTC
Ryr2	ACGGCGACCATCCACAAAG	AAAGTCTGTTGCCAAATCCTTCT
Casq1	CTGGCACTGCTGTTTGTACTG	GGGGGCTCATGGTAGAGGAG
Tnnt1	CCTGTGGTGCCTCCTTTGATT	TGCGGTCTTTTAGTGCAATGAG
Mhy7	ACTGTCAACACTAAGAGGGTCA	TTGGATGATTTGATCTTCCAGGG
Atp2a2	TGGAACAACCCGGTAAAGAGT	CACCAGGGGCATAATGAGCAG
Mhy6	GCCAGTACCTCCGAAAGTC	GCCTTAACATACTCCTCCTTGTC
Myom2	AAAAGACACAAGCACTTTGACCA	TGGGAGGATGACTGGGTGG
Rrad	GTCAGAGGAGGGCGTTTACAA	TCCACAGTGATAGAACGGTCA
Bckdhb	AGCTATTGCGGAAATCCAGTTT	ACAGTTGAAAAGATCACCTGAGC
Ucp3	CTGCACCGCCAGATGAGTTT	ATCATGGCTTGAAATCGGACC
Myoz2	GCATCAGCCATCACGAAGGAA	CCACGATTACTGAAATGGGACA
Cox10	AGAAGAGCTATACAGGGATTGCC	CTGTGTGACATACATGCGCTT
Ndufaf4	CACCGGAGTCAGTATCCAGAA	GGTTCACTTTTACCGGCAAGG
Sdhd	AATTTGCCATTTACCGATGGGA	AGCATCCAACACCATAGGTCC
Pdk2	AGGGGCACCCAAGTACATC	TGCCGGAGGAAAGTGAATGAC
Uqc1	AGTCCGAATGAAGCAGGAAG	GGGATTAACCCCATGACTC
Slc25a13	CAGCCCAACCCGAAAAGTGT	CTGGAACGCCACCATAAACAA
Lrrc10	CGACCGCTGCCAGAGTTATG	GTTGTCGCTGAGGTAGAGCTT
Tnnt2	CAGAGGAGGCCAACGTAGAAG	CTCCATCGGGGATCTTGGGT
ANF	GATAGATGAAGGCAGGAAGCCGC	AGGATTGGAGCCCAGAGTGGACTAGG
BNP	TGTTTCTGCTTTTCTTTATCTGTC	CTCCGACTTTTCTTTATCAGCTC
18s	GGAAGGGCACCAACAGGAGT	TGCAGCCCCGGACATCTAAG