

S1 Table

Target gene	Forward primer	Reverse primer
Acadl	CCAGCTAATGCCTTACTTGGAGA	GCAATTAAGAGCCTTTCCTGTGG
Acadvl	GTAGCCTCCATCCGAAGCTC	CAGGCCCCCATTACTGATCC
Acot2	AGTGCCTATGAAGGACTGAGG	TCTTACGGCACTGGGAATG
Acot3	AGCTCTTGACCTGTCTGTCTG	GAGAAAGTTCAAGCAAAGTGGG
Atp5h	GGGGGTCGGTGAAGTATCC	AATTGCCTTCTGGTTTTGGGG
Atp5k	GCCAAGCGCTACAGTTACCTA	GCCAGTTCTCTCTCAATCCGT
Cox5a	CCTGGGAATTGCGTAAAGGGA	TAACCGTCTACATGCTCGCAA
Cs	CCCAGGATACGGTCATGCA	GCAAAGTCTCGCTGACAGGAA GATTAGACCCGTTACCATCGAGA T
D-loop (mtDNA)	GGTTCTTACTTCAGGGCCATCA	CTGGCCGCCGGTGT
eEF2	ATACCTGCCTGTCAATGAGTCCTT	ACCCTTGGGCTTAGGGTAGA
ENaCα	TGTGCATTCACTCCTGCTTC	AGAGGTCAACCAATGCCAAC
ENaCβ	TGTTGATAGCCACTTTCC	AAGGCAGATCTGGAGGGAAT
ENaCγ	TTACAGCCAGTGCACAGAGG	CTCCCCTGGATGGTCTCTT
Errα	CGGTGTGGCATCCTGTGA	GGCTGCCATTATCAGGGTTG
Nbc	GAAATCCAACCTTCGGTCCCT	GACTTGACCTTGCCATTGGT
Ncct	TGCTGACTTGGCTCATCATC	CGTCTATCGCGTTCATCAGA
Ndufa1	TCCACTGCGTACATCCACAAA	AACTTGCAGGAAATCTTGTGCC
Ndufs3	AAAGACTTTCCCCTCACTGGC	CCAAAACCCAGTGATCCAGC
Ndufv1	CTTCCCCACTGGCCTCAAG	GGGGGTAATCCAGGGTGAAC
Nhe2	CAAGTCCTGCCAGTGTGGTG	TGTGGGACAGGTGAAAGACG
Nhe3	CACCTTCAAATGGCACCACG	ACTGGAAGGCTCAACACGAT
Nkcc2	TGGAAGCAGTCAAGGAAAAG	GCTGCATGGTTCTGAGTGCTAAG
PGC-1α	AGCCGTGACCACTGACAACGAG	GACGACTGACAGCACTTGGA
PGC-1β	CCATGCTGTTGATGTTCCAC	GCCGAAAGAAGCCCTTACAG
PPARα	ACAAGGCCTCAGGGTACCA	CCAGCGCATTGAACTTGACA
PPARβ/δ	GCAAGCCCTTCAGTGACATCA	AATGCGAGTGGTCTTCCATCA
PPARγ	CCCACCAACTTCGGAATCAG	CGCATTGACTGCTGCTTGTC
PRC	CACCCTGCCGGAGTGAAAT	GAACAGAGAGGCTCCAACCG
SglT2	TTGGTGTGGCTTGTGGTCT	CAGACCAAACCCAAAGAAGCA
Slc25a20	CTGCGCCCATCATTGGA	GGAGATGGACGGAGTATAGCG
Slc38a2	GCAGTGGAAATCCTTGGGCTT	TCGGGGTACAAGGAGAGCTT
Slc38a3	GTACGGCCGGGGGATATAGA	CCTGAATACTGTCCCCGCTG
Slc38a4	AGACAGAAAGGCGGGAAAGG	AATGGGGGTGTGACTTCAGC
Slc7a7	AGGCTGTAAAGAGGCGGAAC	CTGGCTTGTGTGGGAAAGAT
Tbp	TGCTGTTGGTGATTGTTGGT	TAAGTGGGACACTTCGACTGC
Uqrf1	CCTGAAGGGAAGAATGCT	CCTGTGCTTAGTATGGCTCC
Ylat2	GACGGCGGACCGAG	