

Supplementary Table 1. Primers used for qRT-PCR validation of differentially expressed genes

Gene name	Forward primer (5'-3')	Reverse primer (5'-3')
IL20RB	ACGGAGGACATCACTGCTACTG	AGGATGGTTGAGTTCTGGTTAAAGC
DGKK	AGCACGGCAACCACAGAATATG	GTTATCATCACCTCACGGCACTG
CA4	CAGTGGGTCGTGGGAAACAATG	GTGCTCAGTCCTCCTCCAGTG
ND1	ACCATACGGCTTACTTCAACCAATC	TGAGGATGTGGCAGGTCGTAAG
ND5	CATCACAATACTCATCCTCGTCACC	CGTCTGTTCGTCCATATCACCATC
ATP6	GCCCACACCACTAATCCCAATG	AGTAAGTGTCTGCTGTGATGTTG
ATP8	TCAAAGTACGACTTCTACCACAACC	TTTTGTTTCTCAAGGGGTGTTATGC
COX1	TCCAAACGAGAGGTCCTAACTGTAG	TGGGTTCTTCAAATGTGTGGTATGG
RARRES1	CCTGCCGTATTCCTTGGTCTG	CTTCTGGTGTCTGTGCGCTCTTG
CYTB	ACTCGGAGACCCAGACAACCTATATC	GAATTGATCGTAGGATTGCGTATGC
DDC	TCCCTACTTCTTCGCCTACTTCC	CAGTCCATCATCACCGTCTCAAG
ND6	GGCGGGATGTGGTATTGTGTTG	AGTAGCCATAGCCGTGCTATAACC
SEPHS2	TCAGCGTCAGCCAGAGTATGC	CAACTCCACCGATGATAATCCAAGG
UGP2	CTCAGGATGGTGCTTCTCAGTTC	GTGATGGTGCTGTGGTGAGTATC
PLIN2	GATGCTGTGACGACGACTGTG	TGCCACTGACCACGGACTTG
BBOX1	TGGCAGGATGGTACAGACTCTATC	TCAAGGTAGCAGTCGGGACAC
SDC1	GACCCGCCACCTCCCATC	CCTCCTCAGCCGCCTTCTC
HAO2	CGTCCAGGGCATCATTGTTTCC	CACCACTTCTGTCAAGGCATCG
ALAS1	GATGCCGCACTCTTGTTCTCC	GCACTCCGCTGTTCCGAATC
HYKK	CAGCCTCTGTGTGTCGTAATAAG	GTAAGTCAGCAGCCTCACC AAG
MAFB	ACCATCACCACCACCACCAAG	CTCCACGCTGCCGCTACC
PPP1R3C	AGGCTCTGCTTGGCTCATTCC	CGTCCTGTGCTCTGGCTTCC
ERBB3	CTATGAGAAGTGTGAGGTGGTGATG	AGGAGAGGTCAGCGTTGTGTC
GALE	GCAATGACTATGACACAGAGGATGG	GCCCGTGCCAGGTTGTAG
AMT	TGATGGAGAGTCTGGTGGTTGG	CTCGGAAGCGTTGGTCACAATC
FGF21	CTGTGCTGGCTGTCTCCTCTG	CTCTGTCTCCTGGGCATCATCC
CHRM3	ACGATGCTGCCGCCTCTC	TGATGAAGGTAGTTTGGTGGAGTTG
GLS2	ACCAGACGCAGCATCAGGATC	CAGCAATAGTGTAGAAGAGCAGGTC
SLC8A3	AAGGTAATTGATGGTGAGGCGTATG	GGCTTCTTCTTCTCCACAGTCAG
TMEM163	GACCAGCAGAGCACTCATAACAG	GCCAATCAGCACGCCGATG
PIGR	AAAGAACCCAAGAAGGCAAAGAGG	CTGGAGGAGGAAGGTGGTGAAG
ANXA1	TTGCTTTCTCTTGCTAAGGGTGAC	CCTGGTGGTAAGAATGGTAGTGAAC
DUSP1	GACAACCACAAGGCGGACATC	TGAGGTAAGCGAGGCAGATGG
IER2	AGCAGCAGCCTTAGCGATGG	CCCTCCTCTTCCCTCCTTCTTC
MYOF	ATGGAGGTGATGAGGACAGGTTG	TGCGTCGGCTGCTCTTCG
PAX7	CCGAGACCGCCTGCTGAAG	CGCCGTCTCCTCCTTCTTG
TGFBI	TGGTCAGCGGAGGCATTGG	AGCAACAGGTTCCCTTATTGACTCTC
NEK6	CCTCCTGAAGCAACTGAACCATC	CGCCAGCTCCAGCACAATG
SNTG1	GGGCTGCGGTGGGAGAAG	ACGGCGGTGACTTGGAAGG
RFTN1	GAGCACATGAGCGACCACTTC	GGACCAAGCCAAGCCAGGAG
BHLHE22	CTGCTCCAACGCCCTCCTC	TCTTGCTGCCGCCACTACC

APOA4 CCTATGGCGAGACCTTCAACAAAG
GAPDH TTATGACCACTGTCCACGCC

GCCTGGCTCTCCTTCTCCTTG
TCAGATCCACAACGGACACG