

**Table S1** Primer sequences.

Primer name	Forward primer sequence	Reverse primer sequence
ACC	5'-GAATCTCCTGGTGACAATGCTTATT-3'	5'-GGTCTTGCTGAGTTGGGTAGCT-3'
SCD1	5'-GGGTGCCGTGGGCGA-3'	5'-ACTCAGAAGCCCAAAGCTCAG-3'
FOXP3	5'-CCCCTCTAGCAGTCCACTTCA-3'	5'-AAGTTGCCGGGAGAGCTGAAT-3'
NF- $\kappa$ B	5'-GAGCAACCAAAACAGAGGGG-3'	5'-GGGTAGGATTTCTTGTTCTTCTCAC-3'
STAT5	5'-CACTCCTGTACTTGGTTCGTCA-3'	5'-CCAGGTCAAACCTCGCCATCT-3'
AMPK- $\alpha$	5'-AAGCCGACCCAATGACATCA-3'	5'-CTTCCTTCGTACACGCAAAT-3'
IL-2R	5'-GTTGCACAAAGCCCAAGGTG-3'	5'-AAGGCGAGCCCACTTCCTTAC-3'
GLUT-4	5'-CCTGCCCCGAAAGAGTCTAAAGC-3'	5'-ACTAAGAGCACCGAGACCAACG-3'
GSK-3 $\beta$	5'-TGCGGGAGAACTTAATGCTG-3'	5'-TGCTGCCATCTTTATCTCTGCT-3'
$\beta$ -actin	5'-TGTCCACCTTCCAGCAGATGT-3'	5'-AGCTCATAACAGTCCGCCTAGA-3'
INS	5'-CTCCTGCTTGAGAACGTGGT-3'	5'-GTGCTCTGCTCACACTTCCT-3'
IRS-1	5'-TAGGCAGCAATGAGGGCAAC-3'	5'-GGTCATTTAGGTCTTCATTCTGCT-3'
PI3K	5'-AGACACCATTACAAAGAAAGCCG-3'	5'-TTTCATTCACTTCTTCCCTTGAGA-3'
AKT-1	5'-ACTCATTCCAGACCCACGAC-3'	5'-CCGGTACACCACGTTCTTCT-3'
SREBP-1c	5'-ACTTTTCCTTAACGTGGGCCT-3'	5'-TGAGCTGGAGCATGTCTTCG-3'
FAS	5'-GTGACCGCCATCTATATCG -3'	5'-TGCTGTCGTCTGTAGTCT-3'