

Supplementary materials

Supplementary Table 1

Antibodies	SOURCE	IDENTIFIER
β -actin	Proteintech	66009-1-Ig
USP9X	Proteintech	55054-1-AP
P-IRS1(Ser)	Proteintech	85238-1-RR
P-IRS1(Tyr)	Abcam	ab109543
IRS1	Proteintech	17509-1-AP
P-AKT	Proteintech	66444-1-Ig
AKT	Proteintech	27809-1-AP
P-GSK3 β	Proteintech	67558-1-Ig
GSK3 β	Proteintech	22104-1-AP
FASN	Proteintech	10624-2-AP
ACC1	Proteintech	21923-1-AP
SCD1	Proteintech	28678-1-AP
SREBP1C	Proteintech	14088-1-AP
UB	Proteintech	10201-2-AP
HA tag	Proteintech	66006-2-Ig
FLAG tag	Proteintech	66008-4-Ig
MYC tag	Proteintech	60003-2-Ig

Supplementary Table 2

GENE	FORWARD	REVERSE
H USP9X	TCGGAGGGAATGACAACCAG	GGAGTTGCCGGGAATTTCA
M USP9X	TCCAACAGAATCAGACTTCATCG	TGGAAATGCAGGTCCTCATCT
M IL6	CCAAGAGGTGAGTGCTTCCC	CTGTTGTTTCAGACTCTCTCCCT
M Col1a1	GCTCCTCTTAGGGGCCACT	CCACGTCTCACCATTGGGG
M aSMA	CCCAACTGGGACCACATGG	TACATGCGGGGACATTGAAG
M TNFa	GACGTGGAACCTGGCAGAAGAG	TTGGTGGTTTGTGAGTGTGAG