

Supplementary Table S1 KEY RESOURCES

REAGENT or RESOURCE	SOURCE	IDENTIFIER	
Antibodies	Supplier	Catalogue number	Molecular Weight (kDa)
Rabbit anti-Jak2	Cell Signaling Technology	Cat# 3230S	125
Mouse anti-Stat3	Cell Signaling Technology	Cat# 9139S	86
Rabbit anti- Phospho-Stat3 (Tyr705)	Cell Signaling Technology	Cat# 9145S	86
Rabbit anti-PIAS3	Cell Signaling Technology	Cat# 4164S	65-75
Rabbit anti-PI3 Kinase p85	Cell Signaling Technology	Cat# 4257S	85
Rabbit anti-Akt	Cell Signaling Technology	Cat# 4691S	60
Rabbit anti-Phospho-Akt (Thr308)	Cell Signaling Technology	Cat# 13038S	60
Rabbit anti-PTEN	Cell Signaling Technology	Cat# 9188S	54
Rabbit anti-mTOR	Cell Signaling Technology	Cat# 2983S	289
Rabbit anti-GAPDH	Kang Chen	Cat# KC-5G5	35
Rabbit anti-FASN	Starter	Cat# S0B0339	273
Rabbit anti-ACC	Cell Signaling Technology	Cat# 3676S	280
Rabbit anti-ACSS1	Proteintech	Cat# 17138-1	70-75
Rabbit anti-ACSL1	Starter	Cat# S0B0817	78
Rabbit anti-ACLY	Absin	Cat# abs147955	120
Rabbit anti- PGC1 α	Starter	Cat# S0B1104	110
Mouse anti- β -Tubulin	Absin	Cat# abs830032	50-55
Mouse anti- β -Actin	Kang Chen	Cat# KC-5A08	42
Mouse anti- ATGL	SantaCruz	Cat# sc-365278	55
Rabbit anti-CPT1A	Starter	Cat# S0B0972	90