



Supplementary Table S1. List of antibodies and dilutions used in the western blotting.

Antibody	Manufacturer	Dilution
Bax	Cell Signaling, #2772	1:1000
Bcl2	Cell Signaling, #2870	1:1000
Beclin1	Cell Signaling, #3495	1:750
ChREBP	Santa Cruz, sc-515922	1:800
Cytochrome C	BD Biosciences, 556433	1:1000
DRP1	Cell Signaling, #8570	1:500
ER α	Santa Cruz, sc-787	1:500
LC3	MBL, PD014	1:750
MFN1	Santa Cruz, sc-50440	1:500
MFN2	Santa Cruz, sc-50331	1:500
OPA1	Abcam, ab119685	1:750
Parkin	Cell Signaling, #4211	1:500
PEPCK-C	Santa Cruz, sc-377027	1:500
PGC-1 α	Abcam, ab54481	1:1000
PINK1	Abcam, ab23707	1:750
SREBP-1	Abcam, ab3259	1:1000
TFAM	Santa Cruz, sc-23588	1:500
TOM20	Santa Cruz, sc-11415	1:1000
horseradish peroxidase-conjugated anti-goat	Santa Cruz, sc-2354	1:8500
horseradish peroxidase-conjugated anti-mouse	Santa Cruz, sc-2005	1:10000
horseradish peroxidase-conjugated anti-rabbit	Santa Cruz, sc-2357	1:5000

ChREBP - carbohydrate response element binding protein.

DRP1 - dynamin related protein 1.

ER α - estrogen receptor alpha.

LC3 - microtubule-associated protein-1 light chain 3.

MFN1- mitofusin 1.

MFN2 - mitofusin 2.

OPA1 - optic atrophy 1.

PEPCK-C - phosphoenolpyruvate carboxykinase, cytosolic.

PGC-1 α - peroxisome proliferator-activated receptor gamma co-activator-1alpha.

PINK1 - PTEN Induced Kinase 1.

SREBP-1 - sterol regulator element binding protein 1.

TFAM - mitochondrial transcription factor A.

TOM20 - translocase of outer membrane 20.