

SUPPLEMENTARY TABLES

Supplementary Table 1. List of primers for qPCR analysis.

Gene	Forward primer	Reverse primer
<i>β-actin</i>	5'-ACTGGAACGGTGAAGGTGACA-3'	5'-ATGGCAAGGGACTTCCTGTAAC-3'
<i>HAS2</i>	Bio Rad	Bio Rad
<i>IL-6</i>	Bio Rad	Bio Rad
<i>p16</i>	Bio Rad	Bio Rad
<i>p21</i>	5'-CTGGAGACTCTCAGGGTCGAA-3'	5'-CCAGGACTGCAGGCTTCC T-3'
<i>SIRT1</i>	5'-TGGGTACCGAGATAACCTTCT-3'	5'-TGTTTCGAGGATCTGTGCCAA-3'
<i>SIRT2</i>	Bio Rad	Bio Rad
<i>SIRT6</i>	5'-GCAGTCTTCCAGTGTGGTGT-3'	5'-AAGGTGGTGTGCGAACTTGGG-3'
<i>SIRT7</i>	5'-ACTTGGTCGTCTACACAGGC-3'	5'-CAGCACTAACGCTTCTCCCT-3'
<i>sXBP1</i>	5'-CTGAGTCCGACAGCAGGTGCA-3'	5'-GGTCCAAGTTGTCCAGAATGCCCAA-3'
<i>uXBP1</i>	5'-ACTCAGACTACGTGCACCTC-3'	5'-GTCAATACCGCCAGAATCCA-3'

Supplementary Table 2. List of antibodies for western blot analysis.

Antibody	Dilution	Purchase information
Anti-H3K9ac (rabbit)	1:1000	Cell Signaling (#9649)
Anti-H3 (rabbit)	1:10000	Cell Signaling (#9715)
Anti-H4K16ac (rabbit)	1:1000	Millipore (#07-329)
Anti-H4 (rabbit)	1:10000	Abcam (#ab10158)
Anti-SIRT1 (mouse)	1:1000	Abcam (#ab7343)
Anti-SIRT2 (rabbit)	1:1000	Abcam (#ab51023)
Anti-SIRT6 (rabbit)	1:1000	Abcam (#ab62739)
Anti-SIRT7 (rabbit)	1:1000	Cell Signaling (#5360S)
Anti-Tubulin (mouse)	1:20000	Sigma-Aldrich (#T5168)
Anti-LC3B (rabbit)	1:500	Cell Signaling (#2775S)
Anti-p62 (rabbit)	1:1000	Abcam (#ab91526)
Anti-BiP (rabbit)	1:1000	Cell Signaling (#3177S)
Anti-IgG rabbit (donkey)	1:3000	Tebu bio (#611-7302)
Anti-IgG mouse (goat)	1:10000	Sigma-Aldrich (#A9917)
Anti-p53K382ac (rabbit)	1:1000	Abcam (ab75754)
Anti-FLAG (rabbit)	1:1000	Sigma-Aldrich (#F7425)