

530 **Supplementary Data Table 1**

Gene	5' primer	3' primer
18SrRNA	CTTAGAGGGACAAGTGGCG	ACGCTGAGCCAGTCAGTGTA
Aconitase	CCTGTGTGCTCCGGGAACT	GCTTATTGATGGTCACGTGTCTCT
ADAM	TCTGGCTCT-CCATGAATGTC	CTGCTTGGAACCTTCTGTGA
BAD	GAAGATGAAGGGATGGAGGA	AGGAACCCTCAAATTCATCG
Beclin-1	GGCTGAGAGACTGGATCAGG	CTGCGTCTGGGCATAACG
COX1	GTGCTGGGGCAGTGCTGGAG	TGGGGCCTGAGTAGCCCGTG
LC3-II	GAGAAGCAGCTTCTGTTCTGG	GTGTCCGTTACCAACAGGAAG
Nrf2	TCTCCTCGCTGGAAAAAGAA	AATGTGCTGGCTGTGCTTTA
p53	GCCGACCTATCCTTACCATC	CTTCTTCTGTACGGCGGTCT
p62	GCTGCCCTATACCCACATCT	CGCCTTCATCCGAGAAAC
PDK4	CCGTATTTCTACTCGGATGCTG	TGGCTTGGGTTTCCTGTC
PGC1 α	TGGAGTGACATCGAGTGTGCT	GAGTCCACCCAGAAAGCTGT
TFAM	ATTCCGAAGTGTTTTTCCAGCA	TCTGAAAGTTTTGCATCTGGGT
β -actin	TGGAATCCTGTGGCATCCATGAAAC	TAAAACGCAGCTCAGTAACAGTCCG

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532 **Supplementary Data Table 2**

Antibody name	Company	Catalog No.	Dilution
Anti-Aconitase	Proteintech	12406-1-AP	1:200
Anti-Drp1	BD Transduction Laboratories	611113	1:500
Anti-Lamp1	Santa Cruz Biotechnology	sc-20011	1:250
Anti-Mfn2	Proteintech	12186-1-AP	1:250
Anti-TOM20	Santa Cruz Biotechnology	sc-11415	1:500
Anti-VDAC1	Abcam	14734	1:500
Anti- β -actin	Cell Signaling Technology	3700	1:500

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