

Table S2. List of primers used in RT-qPCR.

Genes	Forward primer sequence (5' -> 3')	Reverse primer sequence (5' -> 3')
<i>SOD1</i>	AAGGCCGTGTGTGTGCTGAA	GATCACCTTCAGCCAGTCCTTT
<i>SOD2</i>	GGCCTACGTGAACAACCTGA	TGATTGATGTGGCCTCCACC
<i>GPX1</i>	CCTCAAGTACGTCCGACCAG	GTGAGCATTGCGCCATTCA
<i>GPX4</i>	TGTGTGAATGGGGACGATGC	CTTCACCACACAGCCGTTCT
<i>HO1</i>	TGATGGCGTCCTTGTACCAC	GACCGGGTTCTCCTTGTGT
<i>NQO1</i>	CATGGCGGTCAGAAAAGCAC	ATGGCATACAGGTCCGACAC
<i>GCLC</i>	CTAGTGGGTAGGCGGACTGG	CGGTGTCGTGCTCTAGCTTC
<i>GCLM</i>	GGACAAAACCCAGTTGGAGC	TCACACAGCAAGAGGCAAGA
<i>Parkin</i>	ACGTGATTTGCCTGGACTGT	GGTACCGGTTGTACTGCTCC
<i>PINK1</i>	ATGTGGAACATCTCGGCGG	GATGATGTTGGGGTGAGGGG
<i>Beclin1</i>	AGAGGCTAACCCAGGAGAGG	GGGGGATGAATCTGCGAGAG
<i>P62</i>	GCTGAGGAATCAGCTTCTGGT	GAGCTGCACTTGTCTCTGT
<i>OPTN</i>	AACCATGGCTGTTCTCAGGG	AAGGATTGCCTGCTGGCTC
<i>Map1lc3α</i>	GTCTACGCCTCCCAGGAAAC	CAGGGGCAGAGACAGCTTAG
<i>BNIP3</i>	GGAGAAAAGAACAGCGCTCAG	TTGAAGAGGAGGAACTCCTTGGC
<i>BNIP3L</i>	AGCAGGGACCATAGCTCTCA	TGCCTGAAGTGGAACCTCTTAG
<i>FUNDC1</i>	TAATGGGTGGAGTGAGTGGC	CTGTGACTGGCGATCTGAAG
<i>GADPH</i>	CCAAGGAGTAAGAGCCCCTG	AAGTCAGGAGATGCTCGGTG

SOD1, superoxide dismutase 1; *SOD2*, superoxide dismutase 2; *GPX1*, glutathione peroxidase 1; *GPX4*, glutathione peroxidase 4; *HO1*, heme oxygenase 1; *NQO1*, NAD(P)H quinone dehydrogenase 1; *GCLM*, glutamate-cysteine ligase modifier subunit; *GCLC*, glutamate-cysteine ligase catalytic subunit; *IL18*, Interleukin 18; *IL1β*, Interleukin 1β; *PINK1*, PTEN induced kinase 1; *Map1lc3α*, microtubule associated protein 1 light chain 3 alpha; *OPTN*, optineurin; *BNIP3*, BCL2 interacting protein 3; *BNIP3L*, BCL2 interacting protein 3 like; *FUNDC1*, FUN14 domain containing 1; *GAPDH*, glyceraldehyde-3-phosphate dehydrogenase.