

Supplementary Table 1. Primer sequences used for Nfe2l2, Nqo1, Hmox1, Il1b, Tnfa, Smp30, Sirt1, Sirt3 and Actb real-time PCR assays.

Gene	Primers sequences (5'- 3')	GenBank accession number
Nfe2l2	GAGACGGCCATGACTGAT (forward) GTGAGGGGATCGATGAGTAA (reverse)	NM_031789.2
Nqo1	CAGCGGCTCCATGTACT (forward) GACCTGGAAGCCACAGAAG (reverse)	NM_017000.3
Hmox1	ATCGTGCTCGCATGAAC (forward) CAGCTCCTCAAACAGCTCAA (reverse)	NM_012580
Il1b	CACCTCTCAAGCAGAGCACAG (forward) GGGTTCCATGGTGAAGTCAAC (reverse)	NW_047658
Tnfa	AAATGGGCTCCCTCTCATCAGTTC (forward) GTCGTAGCAAACCACCAAGCAGA (reverse)	X66539
Smp30	AGGCATCAAAGTGTCTGCTGTTT (forward) GACTGTCTGAAGTGCCACTGAACT (reverse)	X69021
Sirt1	CTGTTTCTGTGGGATACCTGACT (forward) ATCGAACATGGCTTGAGGATCT (reverse)	XM_003751934
Sirt3	CCCGCTGCCCTGTCTGT (forward) CTCCCCAAAGAACAATGTCA (reverse)	NM_001106313
Actb	GTCGTACCACTGGCATTGTG (forward) CTCTCAGCTGTGGTGGTGAA (reverse)	NM_031144

Supplementary Table 2. Dilutions and companies of primary antibodies used for protein immunoblotting.

Protein	Dilution	Code/Company
SIRT1	1:1000	#9475 / Cell Signaling Technology
SIRT3	1:1000	#5490 / Cell Signaling Technology
Nrf2	1:200	sc-13032 / Santa Cruz Biotechnology
β -actin	1:1000	#49675 / Cell Signaling Technology