



## Supplementary Material

**Supplementary Table S1.** Primary and secondary antibodies used for immunoblotting.

Protein	Primary Antibody	Dilution	Secondary Antibody	Dilution
Nrf2	Abcam 31163	1:500	Invitrogen A21109	1:20,000
NQO1	Abcam 34173	1:1000	Invitrogen A21109	1:20,000
$\beta$ -actin	Sigma A5441	1:100,000	Rockland 21031	1:20,000
Histone H3	Abcam 24834	1:1000	Rockland 21031	1:20,000
IL-6R $\alpha$	R&D Research AF1830	1:500	Thermo Fischer A27020	1:1000

**Supplementary Table S2.** Primers used for genotyping.

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
<i>Cre</i>	GCATAACCAGTGAAACAGCATTGCTG	GGACATGTTTCAGGGATCGCCAGGCG
<i>rtTA</i>	AATCGAGATGCTGGACAGGCATCAT- ACCCA	GGCATAGAATCGGTGGTAGGTGTCTCTCTT
<i>LacZ</i>	TTC ACT GGC CGT CGT TTTACAACG TCG TGA	ATG TGA GCG AGTAAC AAC CCG TCG GAT TCT
<i>Hamp</i> <i>floxed</i>	GGT GTC TAG GTT TTT TAC CCT	GAA GGC AAA GGC AAA TGA TC
$\beta$ -ac- <i>tin</i>	GCTATGCTCTCCCTCACGCCA	CTCTTTGATGTCACGCACGAT

**Supplementary Table S3.** Primers used for PCR after DNA isolation.

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
<i>Hamp</i>	GAAGGCAAAGGCAAATGAT	GCAGCACCACTATCTCCAT
<i>HPRT</i>	GCTGGTGAAAAGGACCTCTCG	CCACAGGACTAGAACACCTGC

**Supplementary Table S4.** Primers used for quantitative PCR.

<b>Gene</b>	<b>Forward primer (5'-3')</b>	<b>Reverse primer (5'-3')</b>
<i>β-actin</i>	GCTATGCTCTCCCTCAC-GCCA	CTCTTTGATGTCACGCAC-GAT
<i>HPRT</i>	GCTGGTGAAAAGGAC-CTCTCG	CCACAGGACTAGAACAC-CTGC
<i>Hamp1</i>	TTGCGATAC-CAATGCAGAAG	GGATGTGGCTCTAGGC-TATGTT
<i>HO-1</i>	CCTCACTGGCAG-GAAATCAT	CCAGAG-TGTTCAATCGAGCA
<i>Keap1</i>	ACGTCCTCGGAGGC-TATGAT	GGGTCACCTCAC-TCCAGGTA
<i>GCLM</i>	AGTTGACATGG-CATGCTCCG	CCATCTTCAATCG-GAGGCGA
<i>TXNRD1</i>	CAGCCCTGAA-GCCGAACAAA	GTCATAGGACCCAGGGG-GAT
<i>NQO1</i>	GGTAGCGGCTCCATGTACTC	CGCAGGATGCCAC-TCTGAAT
<i>L-ferritin</i>	GAAACTCATCAAGAA-GATGGGCA	GCTGGTTGTGGCCCCGC
<i>IL-6</i>	GAGGATACCAC-TCCCAACAGACC	AAGTGCATCATCGTT-GTTCATACA
<i>TfR1</i>	CGCTTTGGGTGCTGGTG	GGG-CAAGTTTCAACAGAA-GACC