

**Additional file 1: Table S1: List of primary antibodies used in this study.** Abbreviations: CST: purchased from the Cell Signalling Technology, Danvers, MA, USA; SCB: Santa Cruz Biotechnology, Santa Cruz, CA, USA.

Primary antibody	Obtained from	Cat. No	Dilution
Nrf2	SCB	sc-365949	1:500
Nrf2	Proteintech	16396-1-AP	1:100 (IHC)
Keap-1	CST	8047S	1:1500
HO-1	SCB	sc-136960	1:500
NQO-1	SCB	sc-32793	1:1000
$\gamma$ -GCSm	SCB	sc-22754	1:1000
AKR1B10	Proteintech	18252-1-AP	1:1000
MRP1	SCB	sc-18835	1:500
MRP5	SCB	sc-376965	1:500
$\beta$ -actin	SCB	sc-69879	1:1000
GAPDH	Abcam	ab-181602	1:1000
ubiquitin	SCB	sc-166553	1:1000
Caspase-3	SCB	sc-7272	1:1000
Caspase-9	SCB	sc-56076	1:1000
PARP	SCB	sc-7150	1:1000

**Additional file 1: Table S2:** Primer sequences used for the genotyping of transgenic mice.

<b>Genes</b>	<b>Primer Sequences</b>
Kras <sup>tm4Tyj</sup>	22907 (F): 5'-TGTCTTTCCCCAGCACAGT-3'
	22908 (Common): 5'-CTGCATAGTACGCTATACCCTGT-3'
	oIMR9592 (R): 5'-GCAGGTCGAGGGACCTAATA-3'
Trp53 <sup>tm1Bm</sup>	oIMR8543 (F): 5'-GGTTAAACCCAGCTTGACCA-3'
	oIMR8544 (R): 5'-GGAGGCAGAGACAGTTGGAG-3'
	21557 (F): 5'-GCAGTGGAGAACTGTCAAAGC -3'
Pdx1-Cre	oIMR7338 (F): 5'-CTAGGCCACAGAATTGAAAGATCT-3'
	oIMR7339 (R): 5'-GTAGGTGGAAATTCTAGCATCATCC-3'
	oIMR9377 (R): 5'-ATGTTTAGCTGGCCCAAATG-3'