

SUPPLEMENTARY TABLES

Supplementary Table 1. siRNA information.

siRNA target	Sequence	Source	Ref
<i>NRF2</i>	5'-UCCCGUUUGUAGAUGACAA-3' 5'-UUGUCAUCUACAAACGGGA-3'	Shanghai GenePharma	[1]
<i>KEAP1</i>	5'-GGCCUUUGGCAUCAUGAACTT-3' 5'-GUUCAUGAUGCCAAAGGCCTG-3'	Shanghai GenePharma	[2]
<i>KRIT1</i>	Silencer Validated siRNA pools (siRNA ID 15655)	ThermoFisher Scientific AM51331	[3]

Supplementary Table 2. RT-qPCR primer sets information.

Gene	Primer sequence	Source
<i>col-43</i>	5'-CTTATTCTTTGAAATTTATTTTGC-3' 5'-AGTCTTCATGAAGTTGACTT-3'	Custom, Shanghai GenePharma
<i>col-80</i>	5'-GTAAGTACCATAAAAATACTTTG-3' 5'-GCAGAATCATCATGATTAAC-3'	Custom, Shanghai GenePharma
<i>col-139</i>	5'-AAAGAGCTTGCTCAATGCA-3' 5'-GATACTTTTTTTCAGATTTTCAGATC-3'	Custom, Shanghai GenePharma
<i>act-1</i>	5'-ACGACGAGTCCGGCCCATCC-3' 5'-GAAAGCTGGTGGTGACGATGGTT-3'	Reference [4]
<i>COL27A1</i>	5'- ggccttatggaaatccaggt-3' 5'- gcaagcccatgtcacctt-3'	Roche Probe Finder
<i>COL28A1</i>	5'-tctgcatattccatgagagtga-3' 5'-aggaggggaacaaagcaagaag-3'	Roche Probe Finder
<i>GAPDH</i>	5'-AATCCCATCACCATCTTCCA-3' 5'-TGGACTCCACGACGTACTCA-3'	Reference [5]