**Supplementary Table 2** Primer sequences used for the qPCR analysis

|  |  |  |
| --- | --- | --- |
| Gene | Sense Primer (5’-3’) | Antisense Primer (5’-3’) length (bp) |
| LC3  P62  Beclin 1  NQO-1  GCLC  HO-1 | CGTCACCCAGGCGAGTTACC  GGAGGAGACGATGACTGG  AGATTGGACCAGGAGGAA  TACGATCCTCCCTCAACA  TGGCAGACAATGAGGTTT  GGCAGAGGGTGATAGAAGAGG | GAGATGCGTCTGCGGTTCG 114  TCTGTAGGAGCCTGGTGAG 145  AGGTGGCATTGAAGACAT 160  TACAGCAGCCTCCTTCAT 108  ACAGCGGAATGAGGAAGT 175  AGCTCCTGCAACTCCTCAAA 182 |
| β-actin | CATCCTGCGTCTGGACCTGG | TAATGTCACGCACGATTTCC 116 |