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

|  |  |  |
| --- | --- | --- |
| Gene | Sense Primer (5’-3’) | Antisense Primer (5’-3’) length (bp) |
| LC3P62Beclin 1NQO-1GCLCHO-1 | CGTCACCCAGGCGAGTTACCGGAGGAGACGATGACTGGAGATTGGACCAGGAGGAA TACGATCCTCCCTCAACATGGCAGACAATGAGGTTTGGCAGAGGGTGATAGAAGAGG  | GAGATGCGTCTGCGGTTCG 114TCTGTAGGAGCCTGGTGAG 145AGGTGGCATTGAAGACAT 160TACAGCAGCCTCCTTCAT 108ACAGCGGAATGAGGAAGT 175AGCTCCTGCAACTCCTCAAA 182 |
| β-actin | CATCCTGCGTCTGGACCTGG | TAATGTCACGCACGATTTCC 116 |