

Supplementary Table 1. Primers used in this study

Primers for quantitative real-time PCR	Primer sequences (5'-3')
ATG3-forward	GACCCCGGTCCTCAAGGAA
ATG3-reverse	TGTAGCCCATTGCCATGTTGG
ATG5-forward	AGAAGCTGTTTCGTCTGTGG
ATG5-reverse	AGGTGTTTCCAACATTGGCTC
ATG7-forward	CAGTTTGCCCCTTTTAGTAGTGC
ATG7- reverse	CCAGCCGATACTCGTTCAGC
ATG12-forward	CTGCTGGCGACACCAAGAAA
ATG12-reverse	CGTGTTGCTCTACTGCC
SQSTM1-forward	GACTACGACTTGTGTAGCGTC
SQSTM1-reverse	AGTGTCCGTGTTTACCTTCC
BECN1-forward	GGTGTCTCTCGCAGATTCATC
BECN1-reverse	TCAGTCTTCGGCTGAGGTTCT
BNIP3-forward	CAGGGCTCCTGGGTAGAACT
BNIP3-reverse	CTACTCCGTCCAGACTCATGC
Ulk1-forward	GGCAAGTTCGAGTTCTCCCG
Ulk1-reverse	CGACCTCCAAATCGTGCTTCT
$\beta$ -Actin-forward	TTGTTACAGGAAGTCCCTTGCC
$\beta$ -Actin-reverse	ATGCTATCACCTCCCCTGTGTG