

**Table S1. Primers used in the study.**

Genes	Primer sequences (5'-3')	Product size (bp)
<i>ATG13</i> (F)	AGACCAAGAAGGGCTTAGGAGG	126
<i>ATG13</i> (R)	CATCTATAATTGCGAGCGTCCA	
<i>ATG3</i> (F)	GCCGATGGAACTGATGAAGACG	141
<i>ATG3</i> (R)	ACTAGAGGCTGCTGCTGGGAT	
<i>Barkor</i> (F)	AACCAGCCAGAAGTATTGACGC	156
<i>Barkor</i> (R)	AACCAGGCAAAAGAGGATGAAC	
<i>ATG7</i> (F)	GATGGGACCTCGCATGGTAA	159
<i>ATG7</i> (R)	CCAGCCCCTAAAAGCAGACA	
<i>Beclin</i> (F)	TTGCCGAACCTCGCTCTACCG	166
<i>Beclin</i> (R)	GGCTGAGTTTTCTCCGTGTCGT	
<i>NRBF2</i> (F)	AGCAAGCAACGGGAGAAGTATG	101
<i>NRBF2</i> (R)	CTTTTGGACGGGTGAGCAGTA	
<i>VMP1</i> (F)	GGGGCAACGACTCAGGATGA	119
<i>VMP1</i> (R)	TTGTGGTAGCTCTGGGCAAAA	
<i>ATG2</i> (F)	TCGCCGCAATCAGTTACCA	142
<i>ATG2</i> (R)	TTGAATGCCCCCTCACTACTCG	
<i>beta-actin</i> (F)	GGCATTACGAGACCACTTACA	185
<i>beta-actin</i> (R)	TCGGGAGGTGCGATGATTTT	