**Supplementary Table S1** Sequence of RT-qPCR Primer

| Gene      | Sequence (5’ to 3’)             |
|-----------|---------------------------------|
| Per2 F    | GGCTGTTGTGATGCGTATTCC           |
| Per2 R    | GCTCACGTCGCTCATCTTGC            |
| GAPDH F   | AGTGGTATTTGTAGGTGCTGTGGTC       |
| GAPDH R   | ACGGTGTGCTAGCCTTCTGG            |

**Supplementary Table S2** Information about Antibodies

| Antibody          | Product Manufacturer | Code       |
|-------------------|----------------------|------------|
| Anti-Per2         | Abcam                | ab179813   |
| Anti-LC3B         | Abcam                | ab48394    |
| Anti-SQSTM1/P62   | CST                  | 8025       |
| Anti-Beclin1      | CST                  | 3495       |
| Anti-PIK3CA       | CST                  | 4249       |
| Anti-AKT          | CST                  | 4691       |
| Anti-pAKT         | CST                  | 4060       |
| Anti-mTOR         | CST                  | 2983       |
| Anti-pmTOR        | CST                  | 5536       |
| Anti-GAPDH        | Proteintech          | 10494-1-AP |
| GoatAnti-Rabbit IgG | Proteintech        | SA00001-2  |