Table S1. The partial primer sequences for qPCR

|  |  |  |
| --- | --- | --- |
| Gene | Primers sequence (5’ to 3’) | |
| ATG13  ATG14 | F: GTGGAGGCAGGAGTAGGATGG  F: GAAAGCACTACGCTCTAGGTTATGT | R：TGGGAATGGCTGACTTCAGAGT  R：GAAGGACCGTGACCCTCTGTT |
| ATG4D | F: CTCTACCTGGACCCTCACTACTGCC | R: GAGCGTCTCAAACTCCTTCCTGTCT |
| ATG5 | F: TGAGCGAGCATCTGAGCTATCC | R: GCCTCCACCAAACCTGACTGA |
| ATG16L2 | F: CCCTCTAGTCGAAGCCTGAAGCC | R: TGAAACAATACCGTAATCCGAACCC |
| PRKAA1 | F: TCCATATTATTTGCGTGTTCG | R: CTCTGTGGAGTAGCAGTCCCT |