

SUPPLEMENTARY TABLE

Supplementary Table 1. A set of 80 genes by overlapping three subsets of autophagy-related genes from HADb, HAMdb, and AUTOPHAGY DATABASE.

| Gene symbol |
|--------------------|
| AMBRA1 |
| ATF4 |
| ATG12 |
| ATG16L1 |
| ATG2A |
| ATG2B |
| ATG3 |
| ATG4A |
| ATG4B |
| ATG4C |
| ATG4D |
| ATG5 |
| ATG7 |
| ATG9A |
| ATG9B |
| BAG3 |
| BCL2 |
| BCL2L1 |
| BECN1 |
| BNIP3 |
| CALCOCO2 |
| CAPN1 |
| CAPN10 |
| CAPNS1 |
| CDKN1B |
| CDKN2A |
| CTSD |
| EGFR |
| EIF2AK2 |
| EIF2AK3 |
| EIF2S1 |
| EIF4EBP1 |
| ERN1 |
| FKBP1A |
| FOXO3 |
| GABARAPL1 |
| GABARAPL2 |
| GOPC |
| HDAC6 |
| HIF1A |
| HSPA8 |
| IRGM |
| ITPR1 |
| LAMP2 |

MAP1LC3A
MAP1LC3B
MAPK8
MTOR
NBR1
NFE2L2
PARK2
PINK1
PRKAA1
PRKAA2
PRKCD
PRKCQ
PTEN
RAB7A
RB1CC1
RGS19
RHEB
RPS6KB1
RPTOR
SESN2
SH3GLB1
SIRT1
SQSTM1
STK11
TBK1
TMEM74
TP53INP2
TSC1
TSC2
ULK1
ULK2
UVRAG
WDFY3
WIPI1
WIPI2
ZFYVE1
