

Supplementary Materials

Supplementary Figures

Fig. 4b

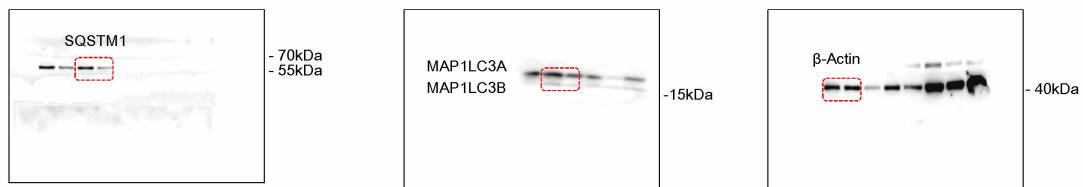


Fig. 4c

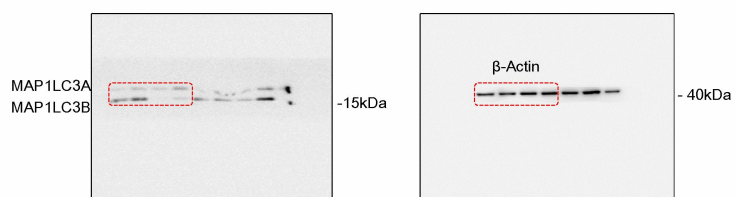
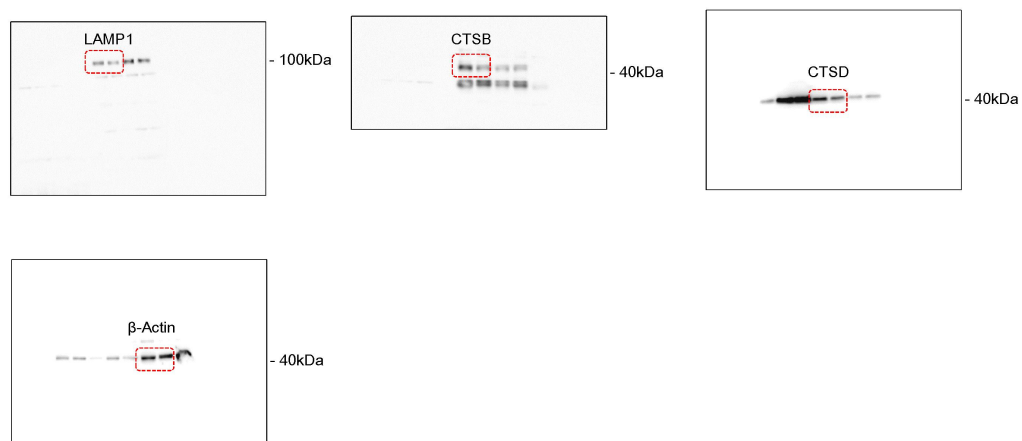
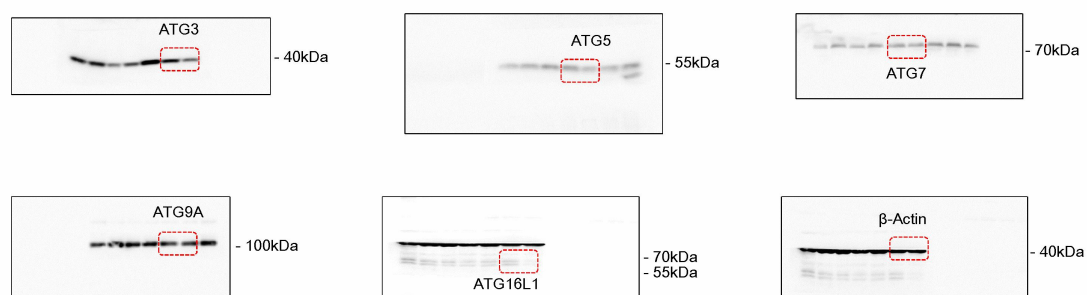


Fig. 4e



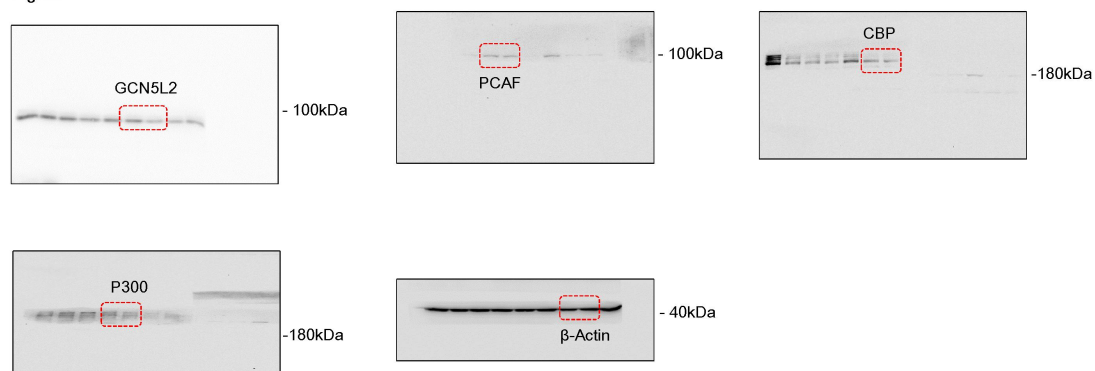
Supplementary Figure 1. Uncropped and unedited blot images related to Figure 4.

Fig. 5g



Supplementary Figure 2. Uncropped and unedited blot images related to Figure 5.

Fig. 6a



Supplementary Figure 3. Uncropped and unedited blot images related to Figure 6.

Fig. 7b

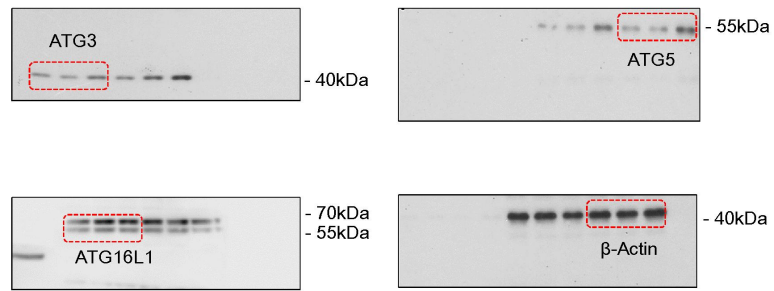
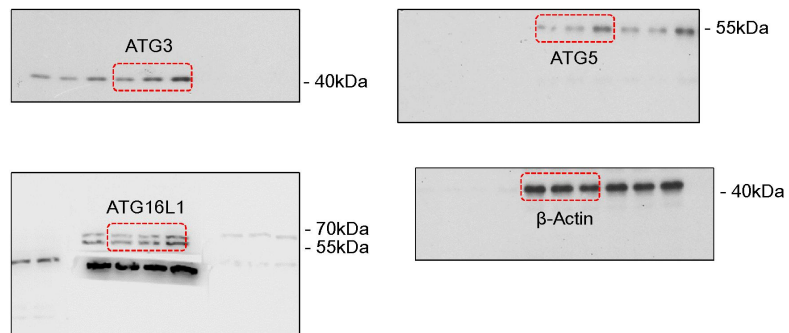


Fig. 7e



Supplementary Figure 4. Uncropped and unedited blot images related to Figure 7.

Supplementary tables

Supplementary Table 1. Sequences of primers used in this study.

Primer	Sense Sequence	Anti-sense Sequence
Primers pairs for Real Time PCR		
EPB41L4A-AS1	CCTGGTTTTATTTTCGTCA	ATCCATCTTCCACCTGTAG
ATG3	GATGGCGGATGGGTAGATACA	TCTTCACATAGTGCTGAGCAATC
ATG5	GTTTTGGGCCATCAATCGGAA	TCTCCTAGTGTGTGCAACTGT
ATG7	GGATGAAGCTCCCAAGGACAT	CCAGCAGAGTCACCATTGTAGTA
ATG9A	GCTCCCTGAAAATGCCCTCT	TTTGCGATAAGGCTCAGGGG
ATG16L1	ACACAAGAAACGTGGGGAGT	CTCCGTCTCCAGGTCAGAGA
MAP1LC3A	TCAGACCGGCCTTTCAAGCA	CGATGATCACCGGGATTTTGC
MAP1LC3B	CGAACAAGAGTAGAAGATGTCCG	TGAGCTGTAAGCGCCTTCTA
SQSTM1	GGGGCTTGAGAAAGGATGAGG	GCCATCGCAGATCACATTGG
LAMP1	CACACCTTTTCCCAATGCG	AAAGGTACGCCTGGATGGTG
CTSB	GCTTCGATGCACGGGAACAATG	CATTGGTGTGGATGCAGATCCG
CTSD	GACATCCACTATGGCTCGGG	TTGGCTGCGATGAAGGTGAT
β -Actin	TGACGTGGACATCCGCAAAG	CTGGAAGGTGGACAGCGAGG
Primer pairs for ChIP		
ATG3 TSS-1	GCGCATGTGTGACTAGAAGG	GCCAATACTGACAGCCCCATT
ATG3 TSS-2	CGGAAGCGTAACACTGAACG	GGGTCCATACGTGGAGAAGC
ATG3 TSS-3	TCCTCGCTTTGCTTCACTCG	CACGTGCCGGGAGAGTCTA
ATG3 TSS-4	TCACATTCTGCATCCTGGGG	GCAGCGAGGACATTTTCTGAC
ATG5 TSS-1	ACTGCCTCCCTAGAGCTTGAT	GTA CTCTTGATGGGTGGGAG
ATG5 TSS-2	CCTCCGTGTTCTGCCTAACC	CCTCCCCAAGCCCCAATAAC
ATG5 TSS-3	GTAGCAGGACTCCAGGAAGC	GAGGGTGACTGGACTTGTGG
ATG5 TSS-4	GTCTCGCCAACTCCACCTTG	TGTGTCCACCTTGTGTGAGG
ATG16L1 TSS-1	TAGGCCTTGGAAGACACCA	AGGAACAAATGGGGTTCCTT
ATG16L1 TSS-2	TGGAGGGAACCCCATTTGTT	CGTTTCCGCCTGACTGCTTA
ATG16L1 TSS-3	TGACGCTTCCGGCTACAGG	GCAGCATGAAGCAACCAGC
ATG16L1 TSS-4	AGCAAGTGACATGTCGTCGG	GGATGATCTCCTCGAACGCC