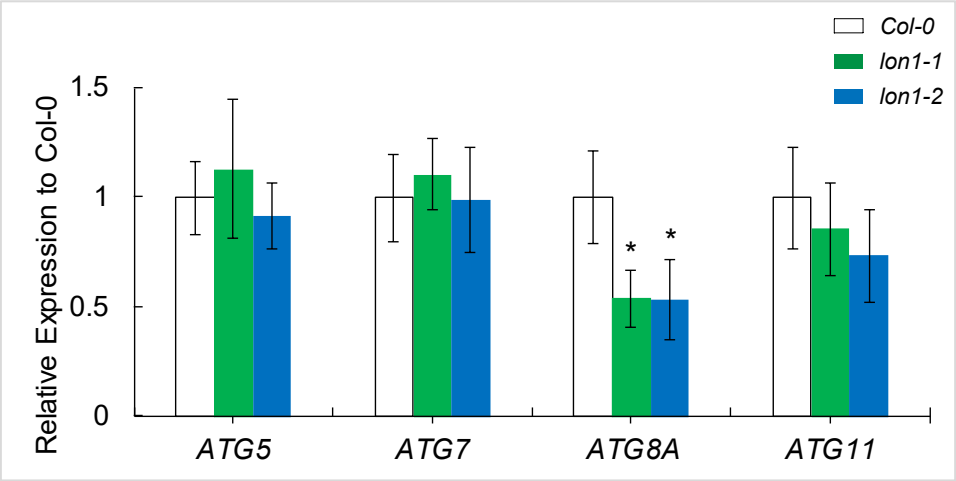


Fig S1. RT-PCR validation of RNAseq data autophagy core genes
Quantitative real-time PCR (qRT-PCR) was conducted to assess the transcript levels of selected autophagy core genes (*ATG5*, *ATG7*, *ATG8A*, *ATG11*) in ten-day-old *Col-0*, *lon1-1*, and *lon1-2* mutant seedlings. Error bars represent standard deviations of four biological replicates. Statistical significance was determined using Student's T-test (* indicates $P<0.05$). This supports Fig 1.