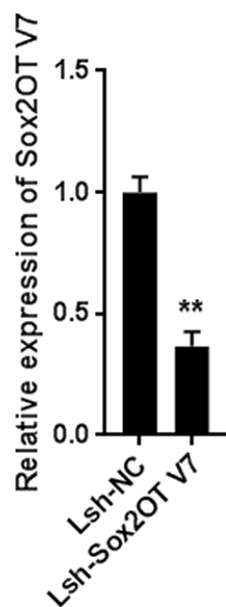
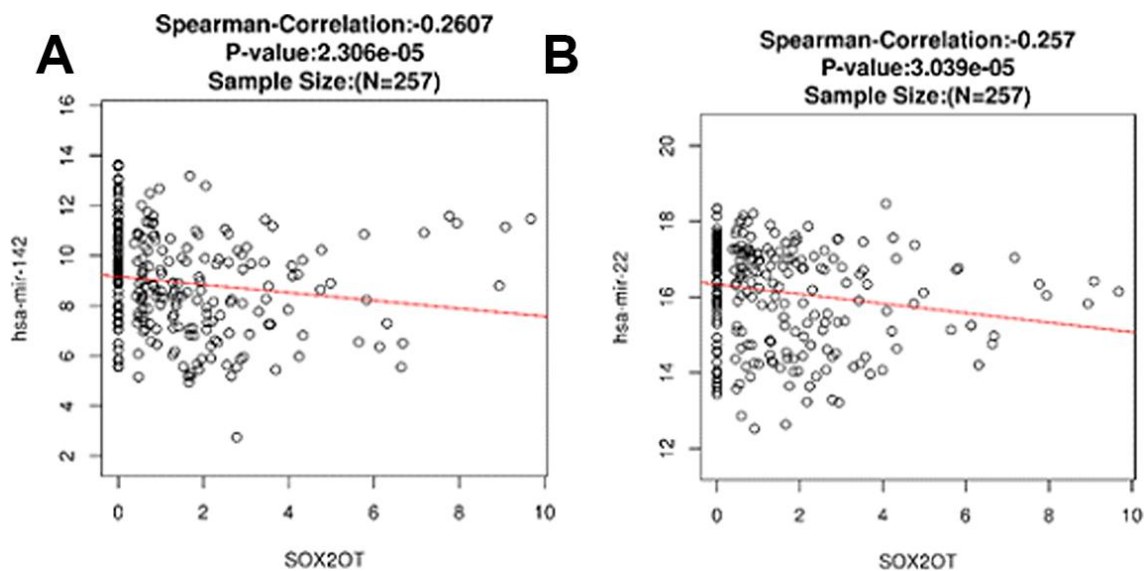


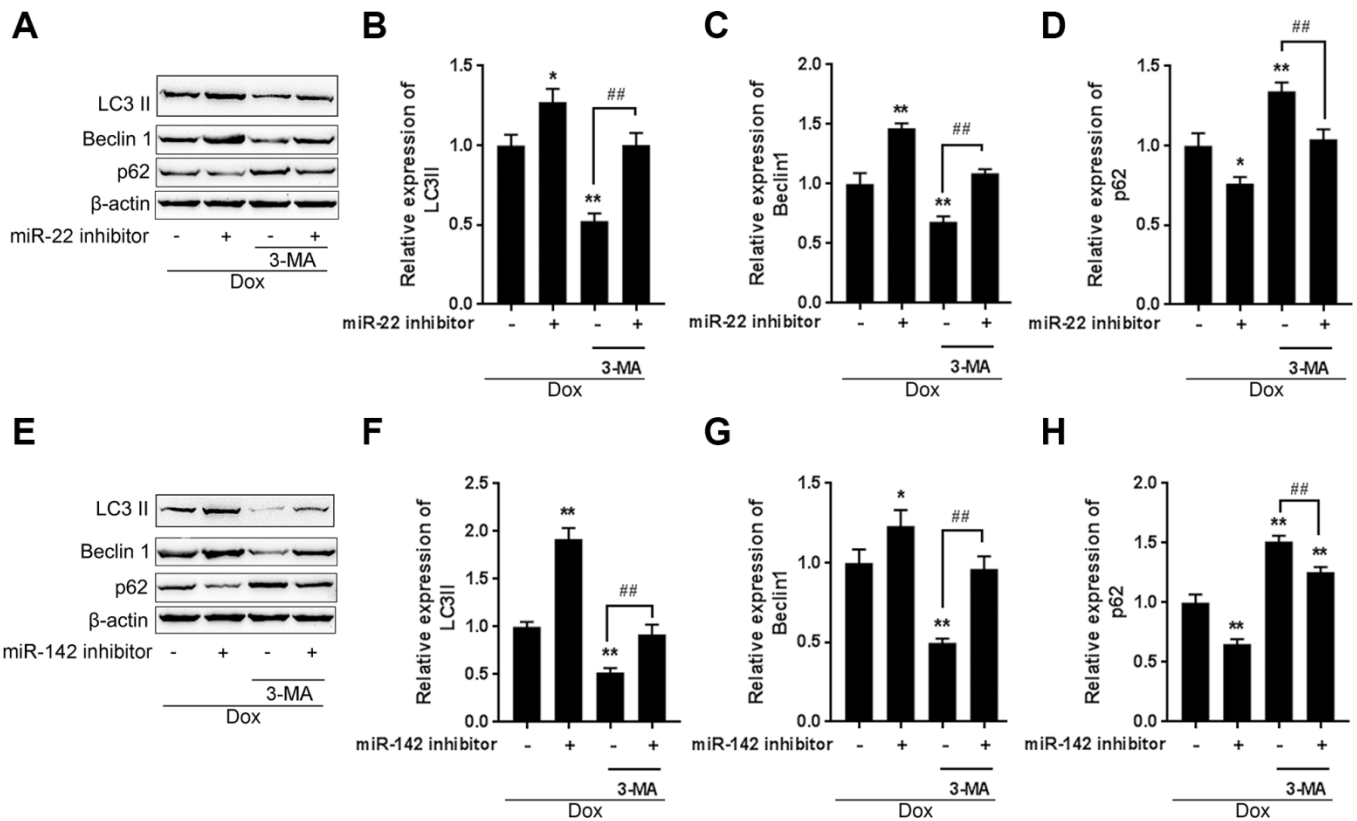
SUPPLEMENTARY FIGURES



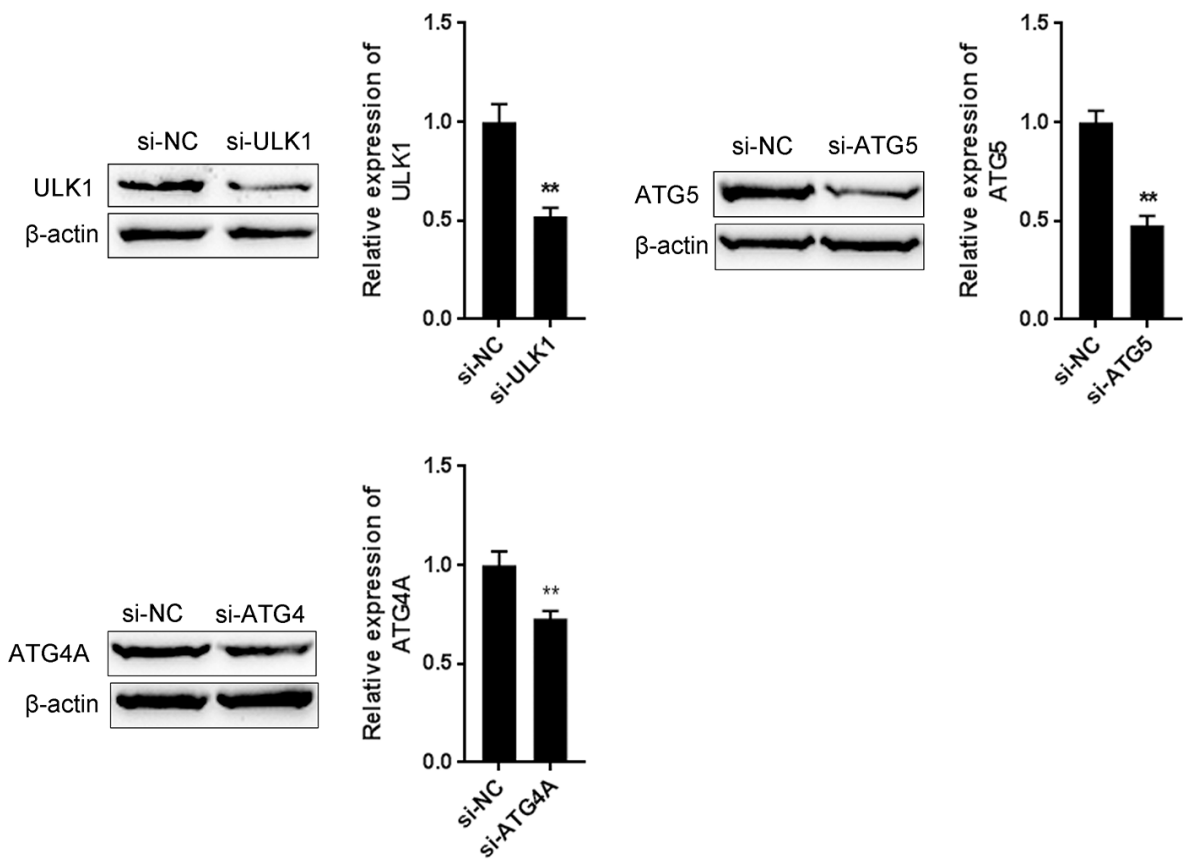
Supplementary Figure 1. The knockdown effect of Sox2OT-V7 was determined by QPCR.



Supplementary Figure 2. The correlation of SOX2OT, miR-142 (A) miR-22 (B) expression in the TCGA database.



Supplementary Figure 3. The effect of miR-142 and miR-22 on Dox-induced autophagy. (A–D) U2OS cells were transfected with miR-142 inhibitor and co-treated with Dox (5 μ M) and 3-MA (5 mM) for 24 h and the protein levels of LC3 II, Beclin 1 and p62 were examined. (E–H) U2OS cells were transfected with miR-22 inhibitor and cotreated with Dox and 3-MA for 24 h and the protein levels of LC3 II, Beclin 1 and p62 were examined.



Supplementary Figure 4. The knockdown effects of ULK1, ATG5 and ATG4A were confirmed by immunoblotting.