

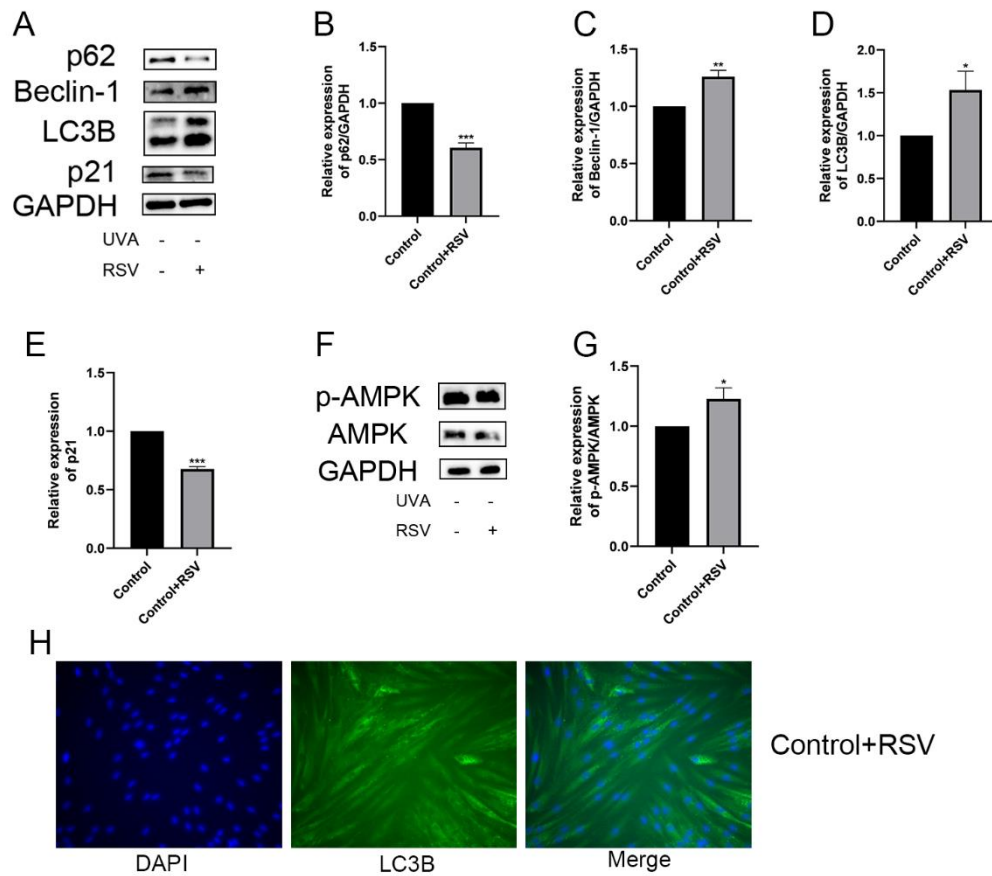


Fig.S1. Resveratrol promotes autophagy through the AMPK signaling pathway. (A) Western blot of p62, Beclin-1, LC3B, and p21 expression levels in the control group and resveratrol-alone group. (B-E) Relative expression levels of p62, Beclin-1, LC3B, and p21, $n = 3$. (F) The expression levels of p-AMPK and AMPK were determined by Western blot. (G) Relative expression levels of p-AMPK/AMPK, $n = 3$. (H) Immunofluorescence staining results of LC3B in the resveratrol-alone group, $n = 3$, scale bar = 100 μm . Data represent mean $\pm$ SD, * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$ compared with the Control group.