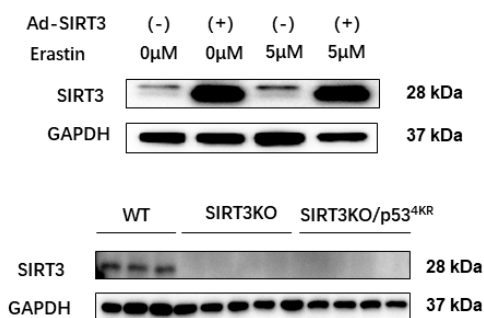


Supplemental Figure S1. Level of 4-HNE in indicated groups **A)** Representative immunoblots and analysis of 4-HNE and corresponding GAPDH in the indicated mouse hearts (n=3-4). **B)** Representative immunoblots and relative ratios of 4-HNE/GAPDH to the control H9c2 group in the indicated cells (n=3-4). Mean \pm S.D., **p<0.01, *p<0.05.



Supplemental Figure S2. Levels of SIRT3 in indicated groups. Representative immunoblots and levels of SIRT3 expression in the indicated H9c2 cell lines and mouse hearts. Ad-SIRT3 treatment increased levels of SIRT3 expression in H9c2 cell line with/out Erastin (Top). The expression of SIRT3 was absent in the hearts of SIRT3 KO mice and SIRT3KO/p53^{4KR} mice (Bottom).