

**Supplementary Figure S1**. Gal alleviated ferroptosis stimulator erastin (Era) induced ferroptosis in NRCs. (A) Gal at 25  $\mu$ M was added into NRCs for 24 h. Then, 10  $\mu$ M of Era was added into NRCs for 12 h. Cell vitality in different groups was determined with CCK-8 assay. Summary data are presented as means  $\pm$  SD; n = 5. \*P < 0.05 vs. control group, \*P < 0.05 vs. Era group. (B) MDA levels in NRCs in different groups. Summary data are presented as means  $\pm$  SD; n = 5. \*P < 0.05 vs. control group, \*P < 0.05 vs. Era group. (C) Representative pictures of Western Blot and quantitative analysis of Gpx4, xCT, and FTH in different groups. Summary data are presented as means  $\pm$  SD; n = 5. \*P < 0.05 vs. Control group, \*P < 0.05 vs. Era group. NRCs, neonatal rat cardiomyocytes; MDA, malondialdehyde; SD, standard deviation; CCK-8, Cell Counting Kit-8.