

**Figure S1.** (**A-G**) prognostic value analysis of Cuproptosis related genes, DLAT, DLD, FDX1, MTF1, NLRP3, PDHA1, SLC31A1. (H) The score of TIDE between the low and high risk groups.

Figgure S2**Figure S2.** (**A-C**) prognostic value analysis of hsa-let-7c-5p, hsa-miR-548-5p, hsa-miR-634.