

**Overall Survival** 

Figure S1. The expression and prognostic value of 7 glycolysis-related genes and IL-1 $\beta$  as well as their relationship in multiple cancer types.

- (A) Pan-cancer expression level of glycolysis-related enzyme genes (GEPIA). Upper: Heat map of pan-cancerous expression of glycolysis-related enzyme gene; Below: The ratio of glycolysis-related enzyme gene expression in tumor tissue to normal tissue.
- (B) Evaluation of prognostic value of glycolysis-related enzyme genes in pan-cancer (GEPIA). Upper: Overall survival; Below: Disease-free survival.
- (C) Prognostic value of glycolysis-related enzyme genes in lung adenocarcinoma (Kaplan-Meier Plotter). Upper: Overall survival; Below: First progression.
- (D) Evaluation of the prognostic value of IL-1  $\beta$  with overall survival and disease-free survival through 3 databases. The first two: Prognostic value of IL-1  $\beta$  in all cancer types (GEPIA); Middle: Prognostic value of IL-1  $\beta$  in lung adenocarcinoma (Kaplan-Meier Plotter); The last two: Prognostic value of IL-1  $\beta$  in lung adenocarcinoma (Prognoscan).
- (E) Pan-cancer analysis of the relationship between IL-1  $\beta$  and glycolysis-related enzyme genes (TIMER) using spearman's correlation coefficient. (\*: p-value<0.05).