



**Supplement 1. The expression profile and prognostic significance of MMP2 in ccRCC.** (A) mRNA expression levels of MMP2 in normal kidney tissues (n=72) and ccRCC specimens (n=535) were analyzed by TCGA dataset mining (Mann-Whitney U test). (B) Kaplan-Meier analysis was conducted for overall survival of ccRCC patients in the TCGA cohort with high vs. low MMP2 mRNA expression levels (log-rank test).