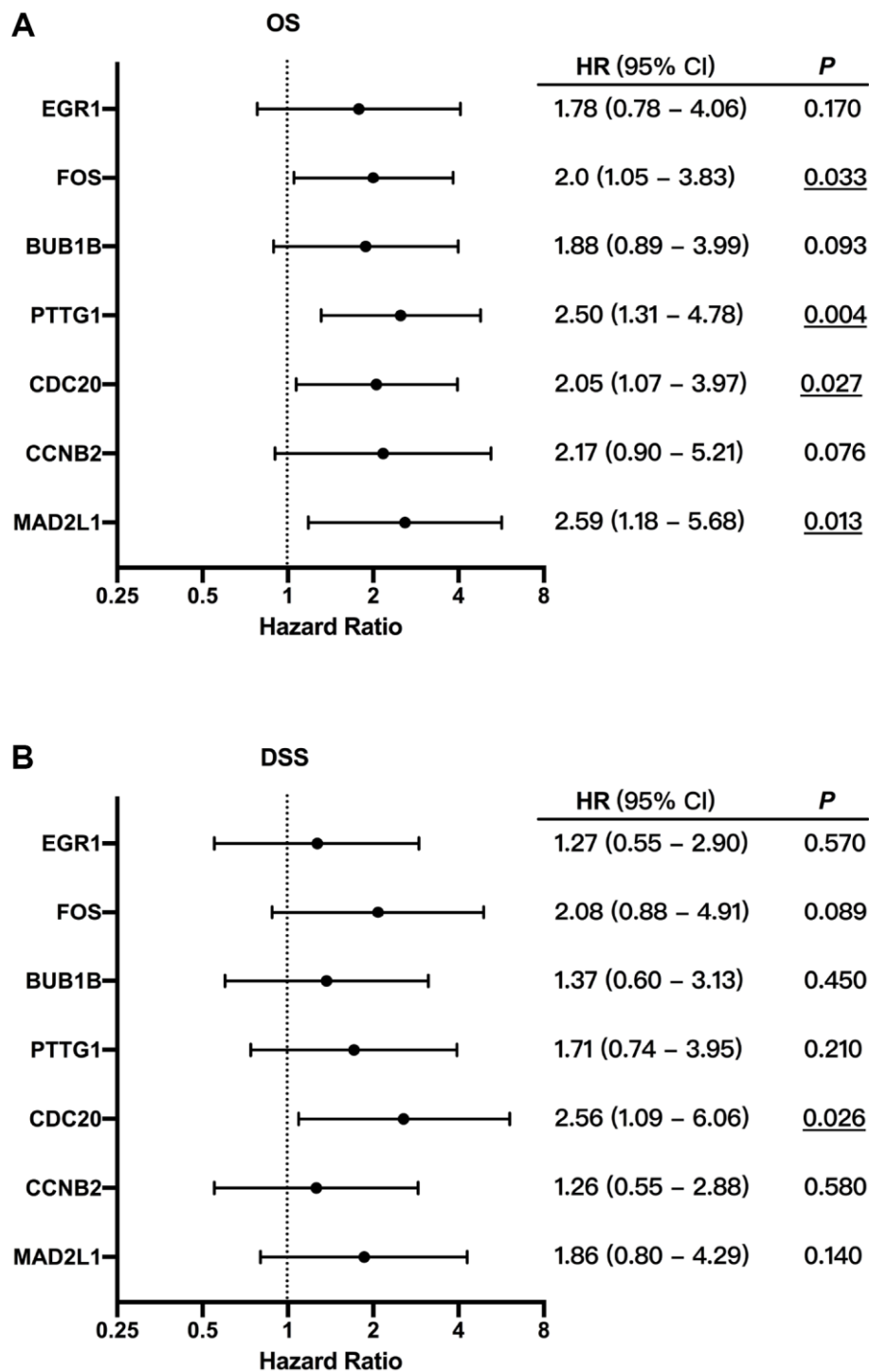
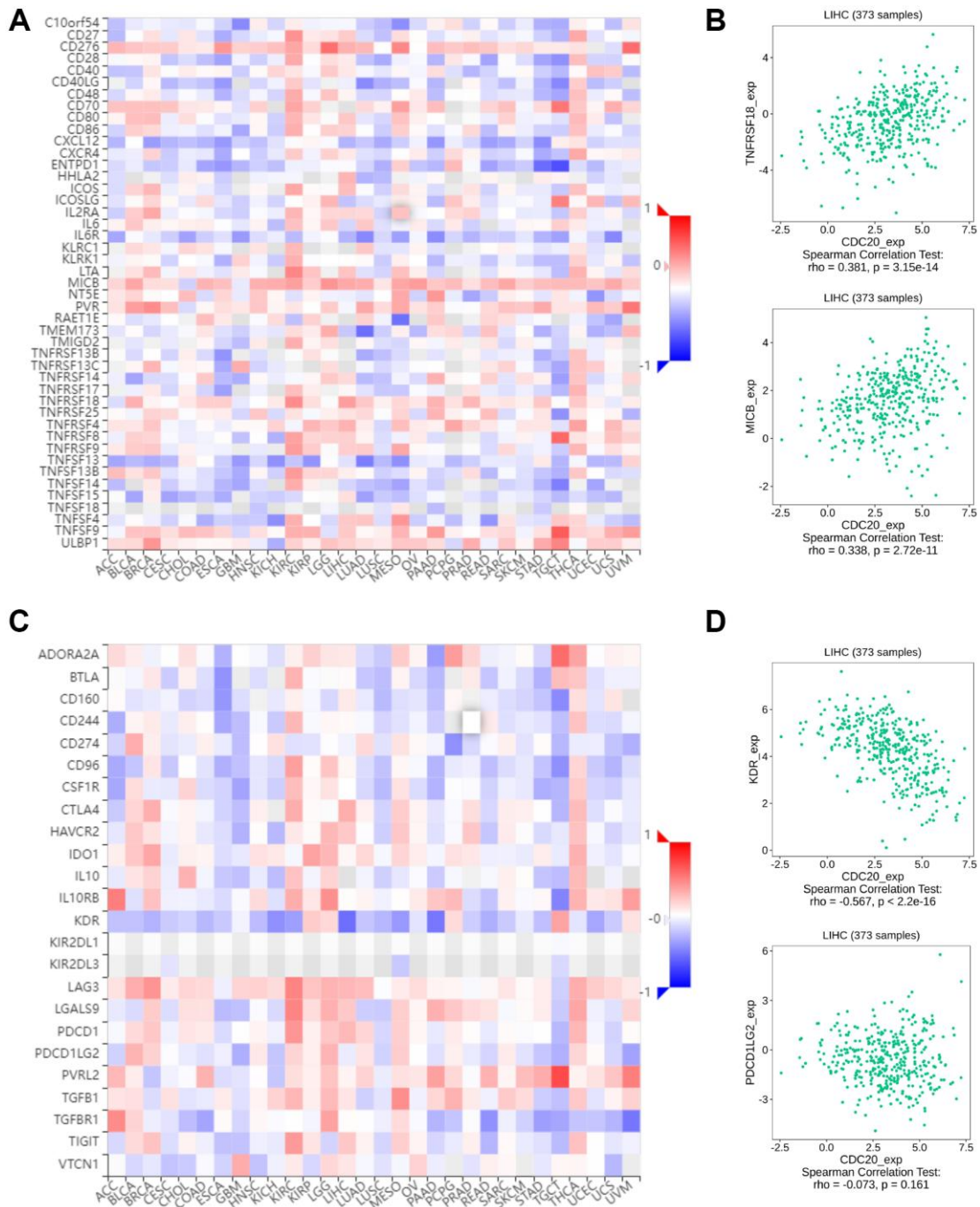


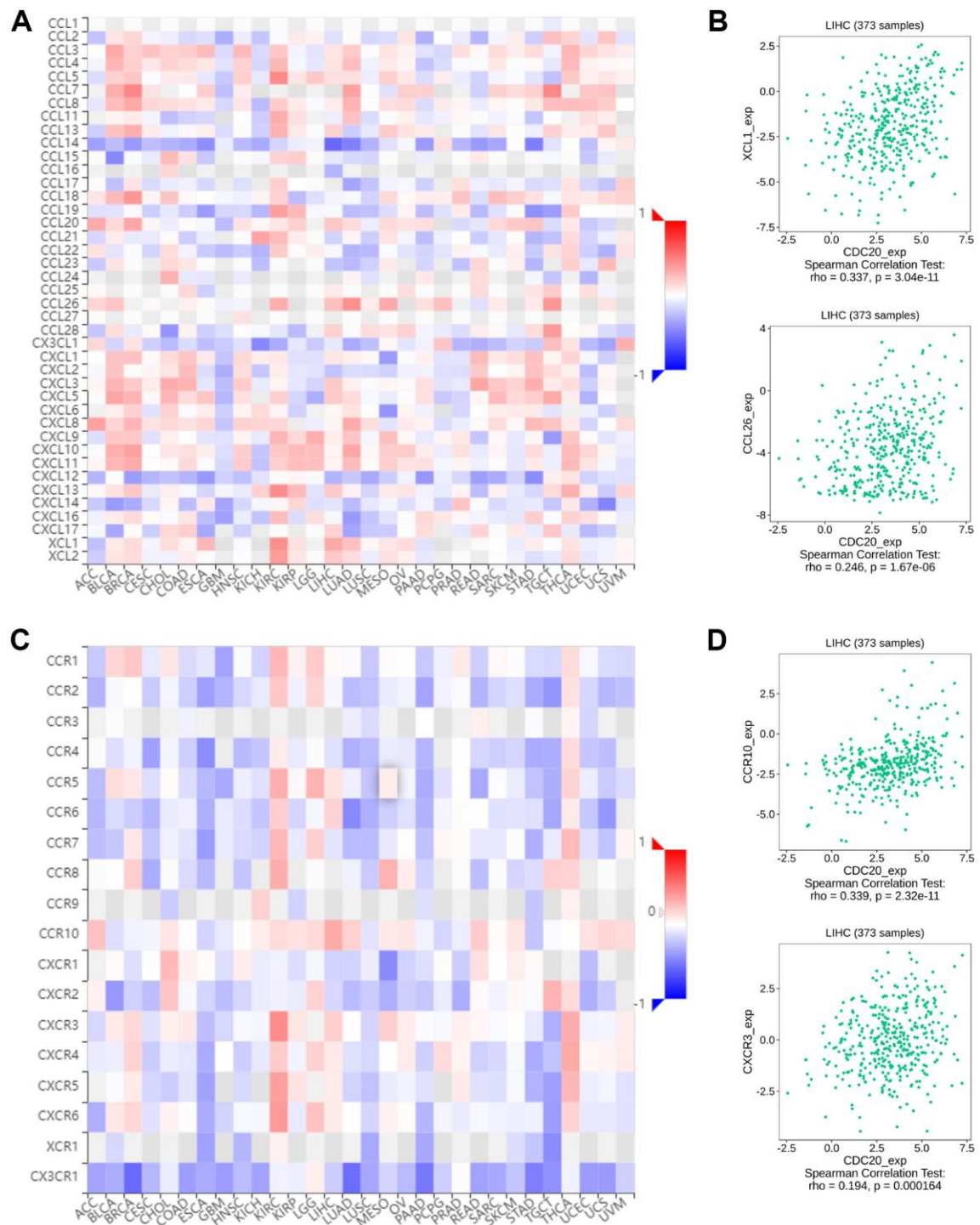
SUPPLEMENTARY FIGURES



Supplementary Figure 1. (A and B) Forest plots exhibited the Kaplan-Meier analysis of Overall Survival (OS) and Disease Specific Survival (DSS) in patients with differential expression of each HTLV-1 associated gene.



Supplementary Figure 2. The correlation of CDC20 expression with the immunomodulators in HCC. (A) The correlation between CDC20 expression and the immunostimulators in pan-cancer including hepatocellular carcinoma. **(B)** The top two immunostimulators with the highest relevance to CDC20. **(C)** The correlation between CDC20 expression and the immunoinhibitors in pan-cancer including hepatocellular carcinoma. **(D)** The top two immunoinhibitors with the highest relevance to CDC20.



Supplementary Figure 3. The correlation of CDC20 expression with the chemokines and chemokine receptors in HCC. (A) The correlation between CDC20 expression and the chemokines in pan-cancer including hepatocellular carcinoma. (B) The top two chemokines with the highest relevance to CDC20. (C) The correlation between CDC20 expression and the chemokine receptors in pan-cancer including hepatocellular carcinoma. (D) The top two chemokine receptors with the highest relevance to CDC20.