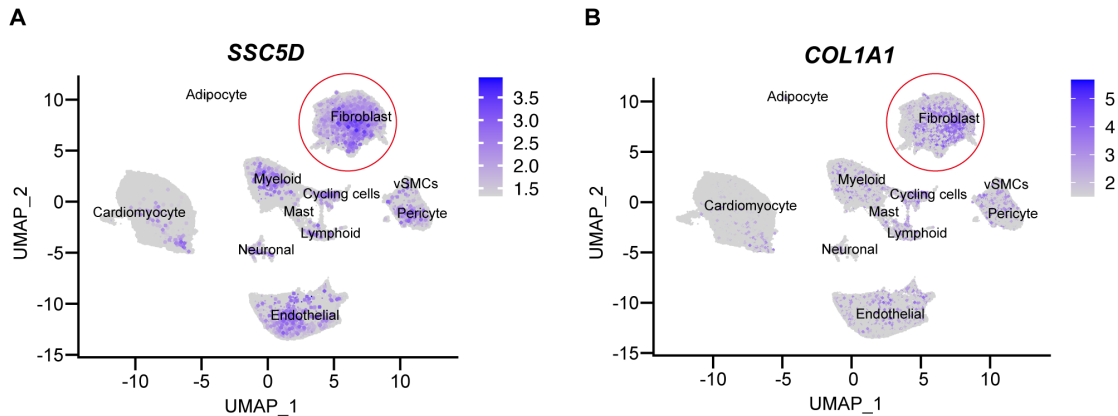
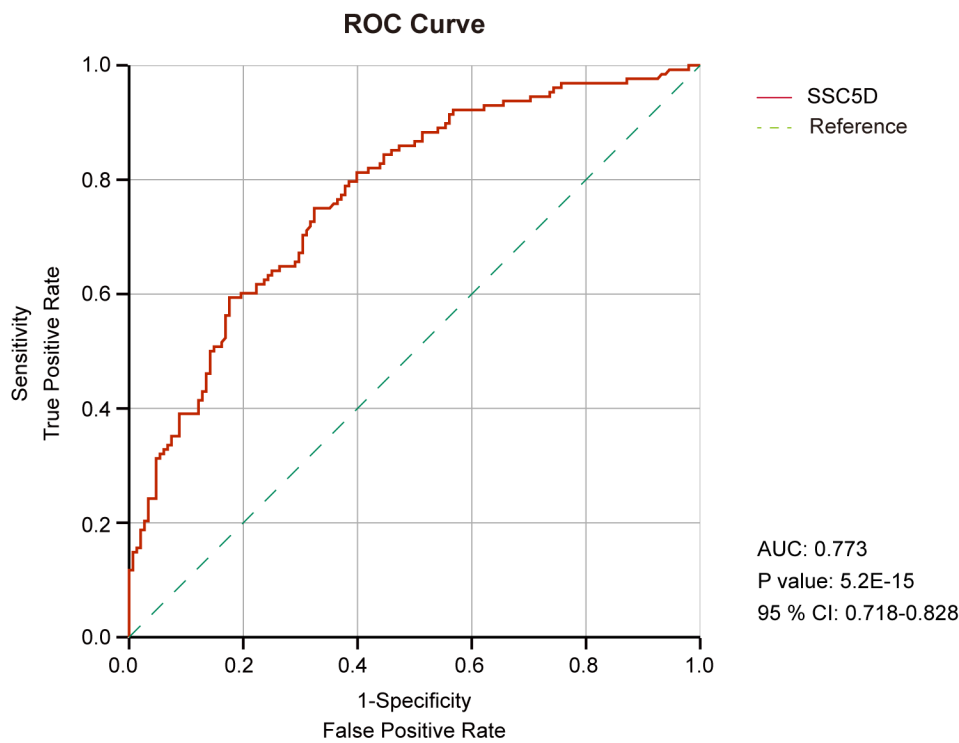


Supplementary Figure 1



Supplementary Figure 1. (A and B) UMAP plot of the co-expression of *SSC5D* and *COL1A1* from the snRNA-seq data of all 31 human heart samples in the cardiac cell clusters.

Supplementary Figure 2



Supplementary Figure 2. Receiver operating characteristic (ROC) curve with area under the curve (AUC) of *SSC5D* for the diagnosis of heart failure. Red curve: ROC curve of *SSC5D*; Green curve: Reference. The *SSC5D* concentrations were transformed by a logarithm of 10 to obtain normality.