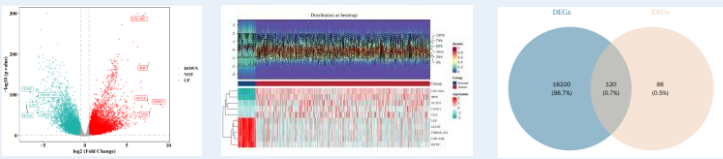


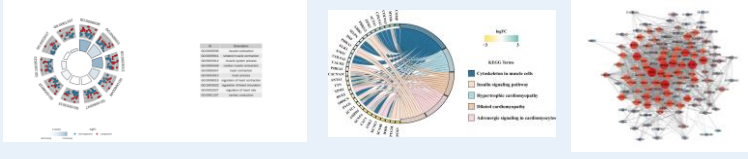
Integrated bulk RNA and single-cell RNA sequencing to identify and validate exercise-related genes for predicting the prognosis of invasive ductal carcinoma

Screening and identification of the prognostic genes

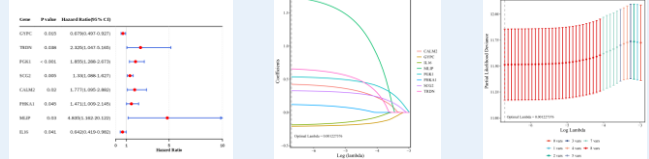
Identification of DE-ERGs



Functional analysis of DE-ERGs

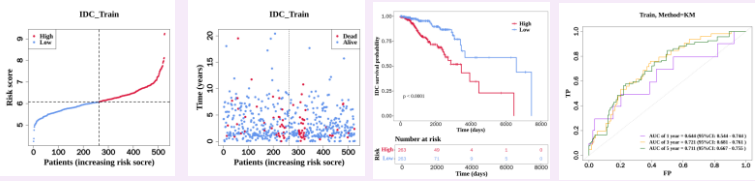


Selection of prognostic genes

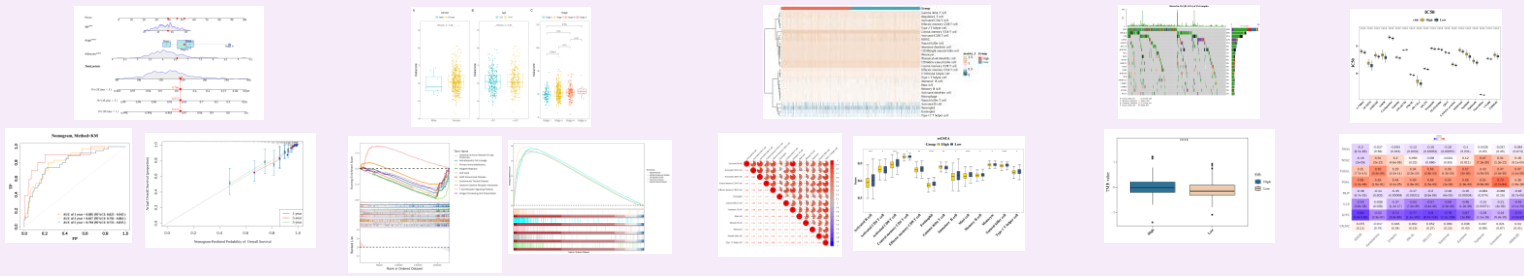


Construction of the prognostic model and analysis of the risk groups and prognostic genes

Construction of the prognostic model

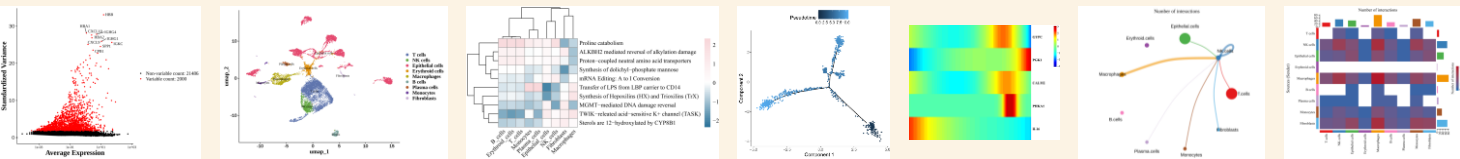


Analysis of the risk groups and prognostic genes



Single-cell RNA sequencing analysis and RT-qPCR

Single-cell RNA sequencing analysis



RT-qPCR

