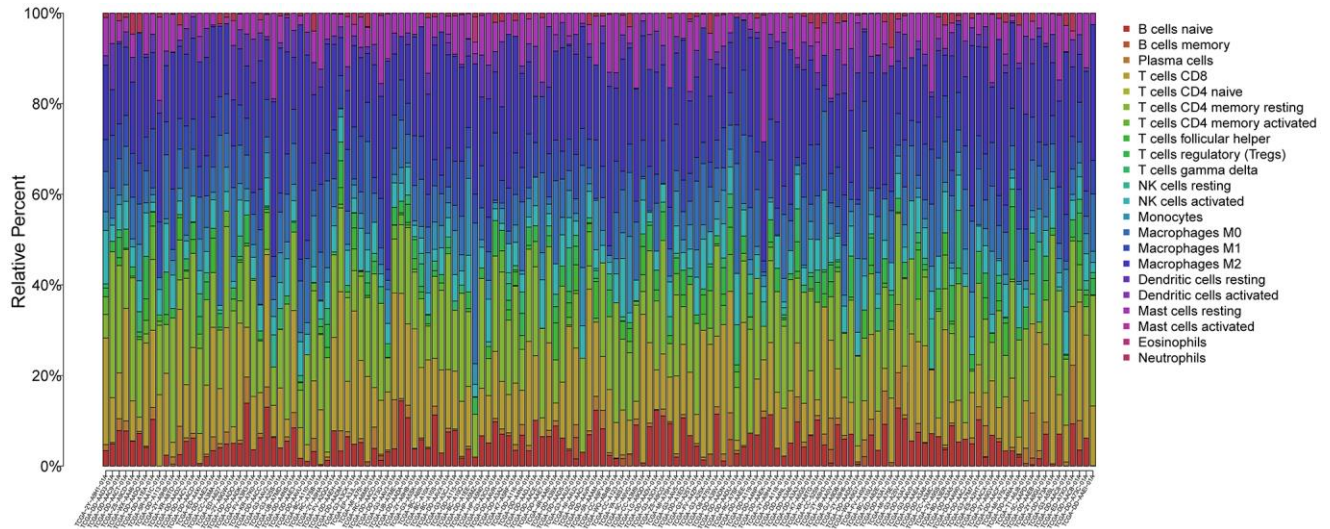
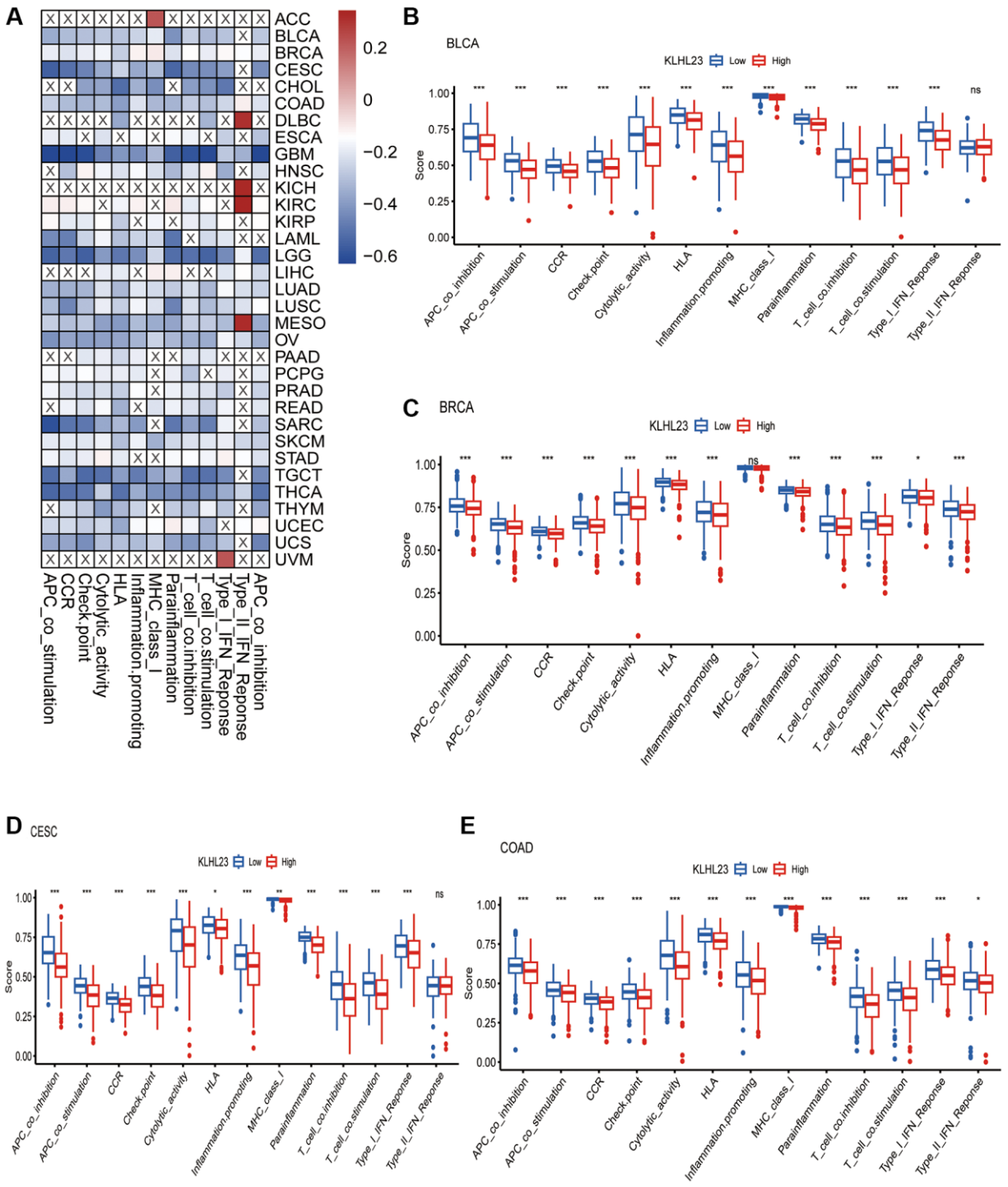
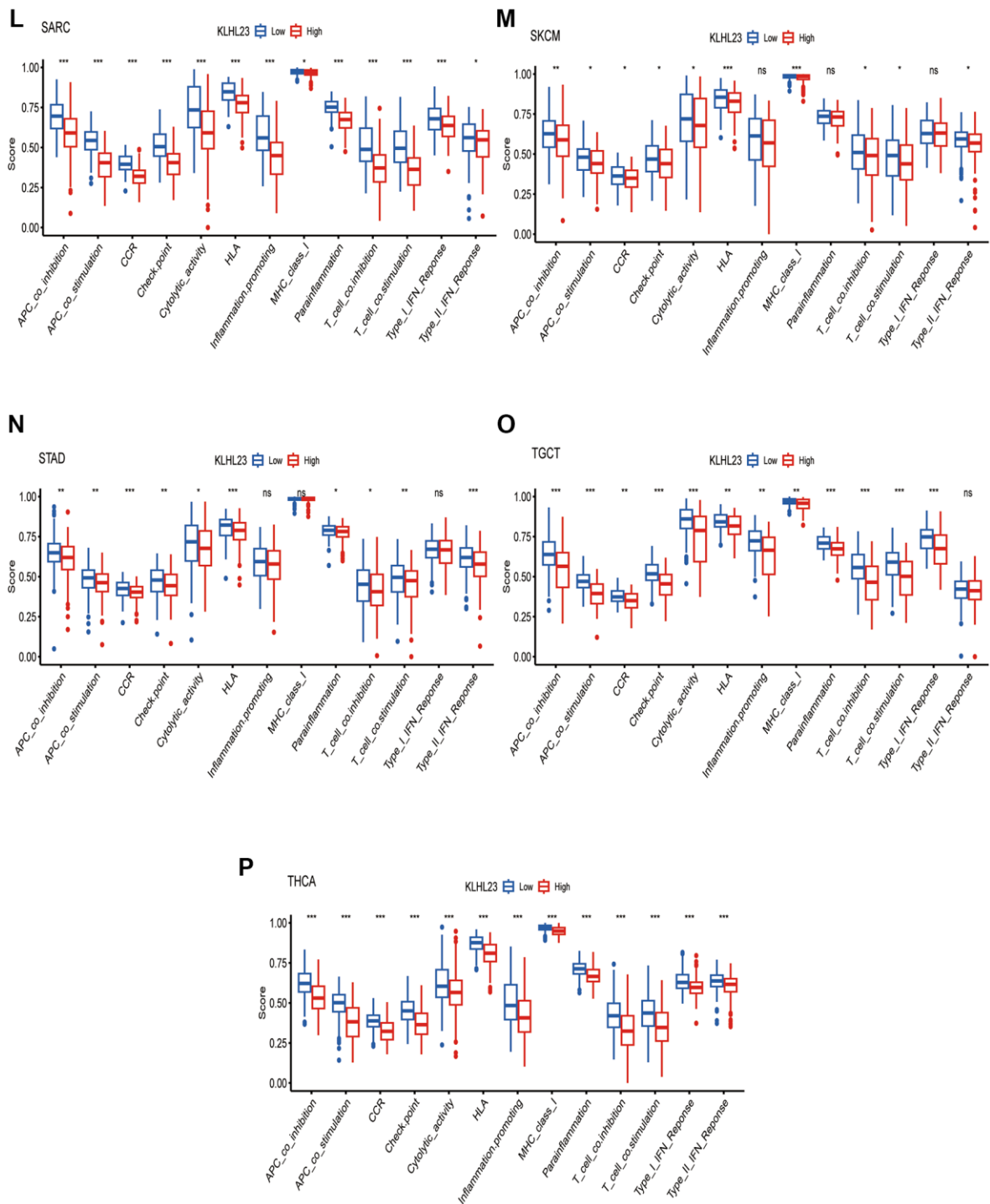


SUPPLEMENTARY FIGURES

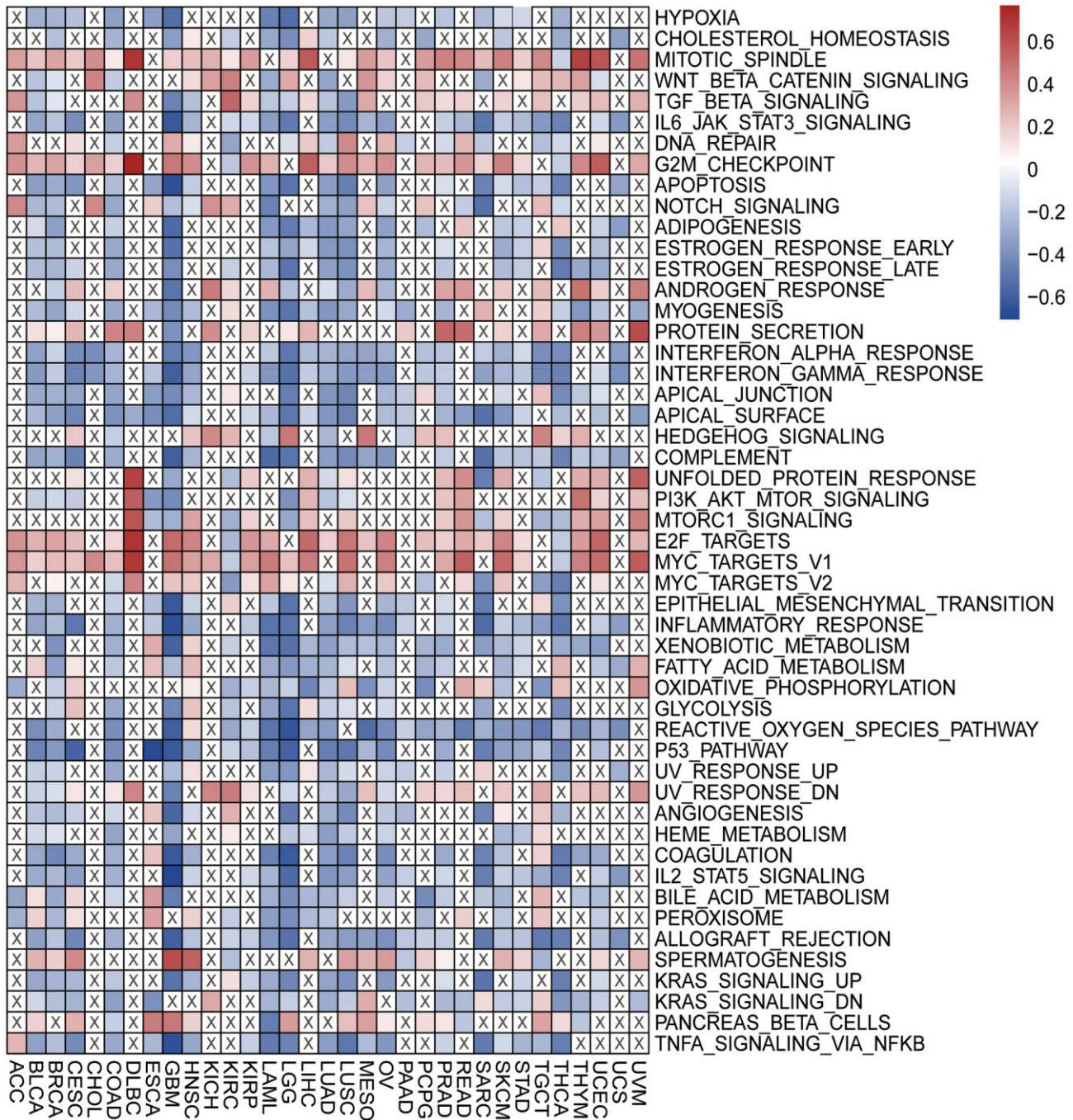


Supplementary Figure 1. The role of KLHL23 in the tumor microenvironment of LIHC. Immune cell distribution in KLHL23 lower expression LIHC patients.





Supplementary Figure 2. The effect of KLHL23 on immunological status across cancers. (A) Association between KLHL23 and 13 tumor-associated immune cells, as calculated using the ssGSEA algorithm. (B–P) Differences in the various immune cell proportions between groups with high and low KLHL23 expression in representative cancers. (Abbreviation: ns: no significant difference. * $P < 0.05$; ** $P < 0.01$; *** $P < 0.001$; **** $P < 0.0001$).



Supplementary Figure 3. KLHL23 signaling pathway analysis. Single cell analysis of KLHL23 expression in different cell types.