

Supplementary Materials:

Integrative analysis of single-cell and bulk multi-omics data to reveal subtype-specific characteristics and therapeutic strategies in clear cell renal cell carcinoma patients

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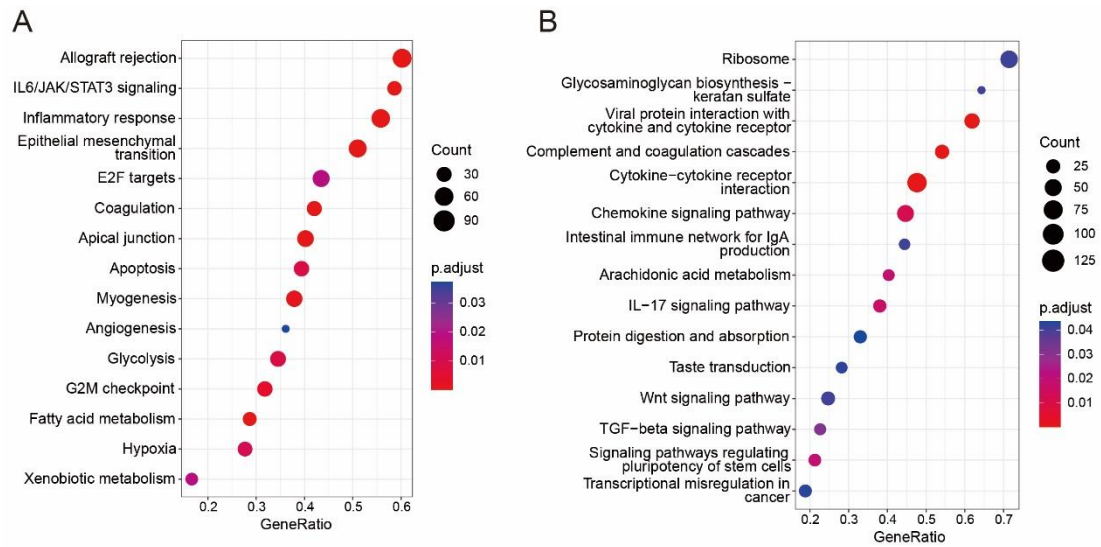
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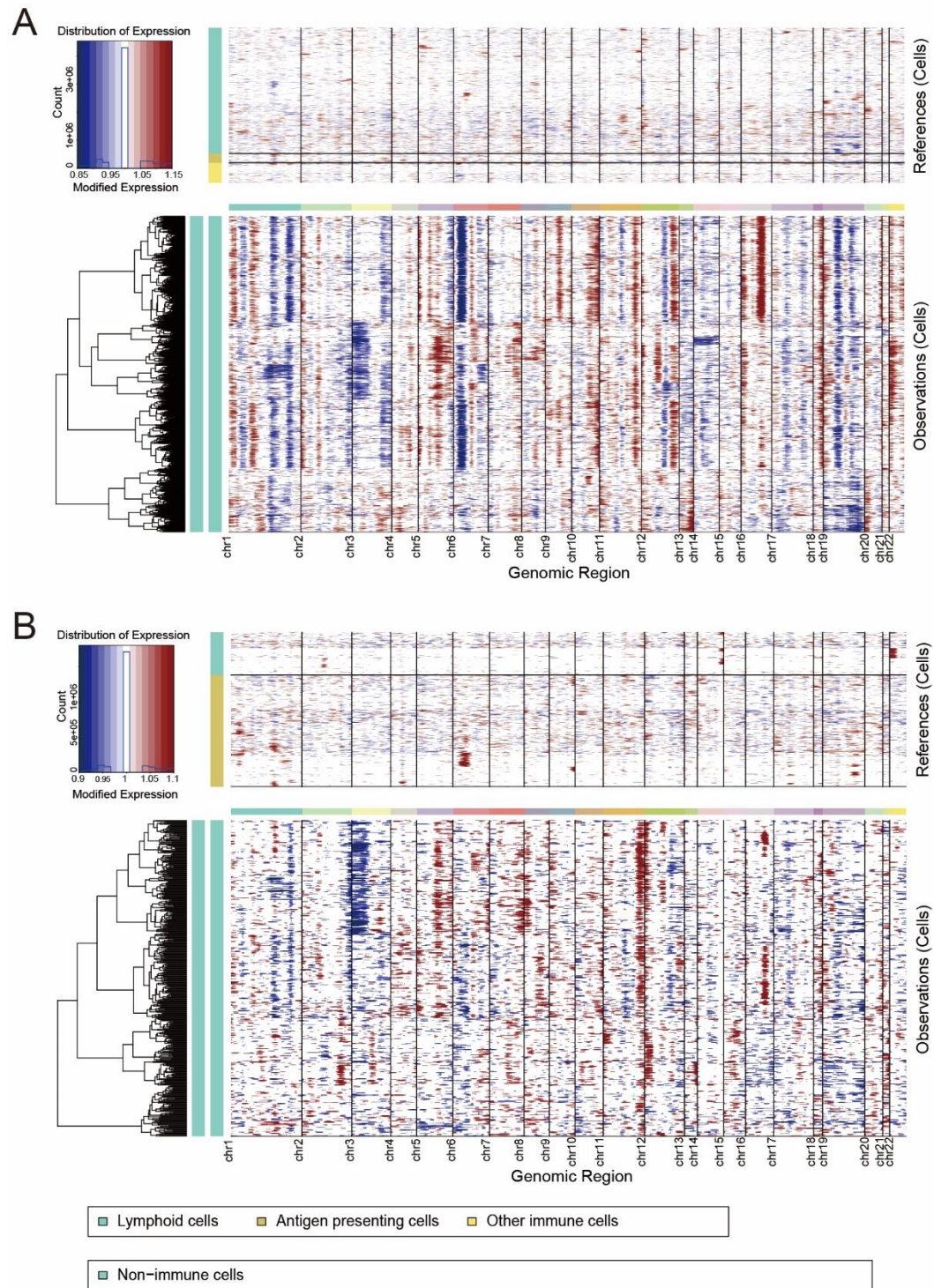
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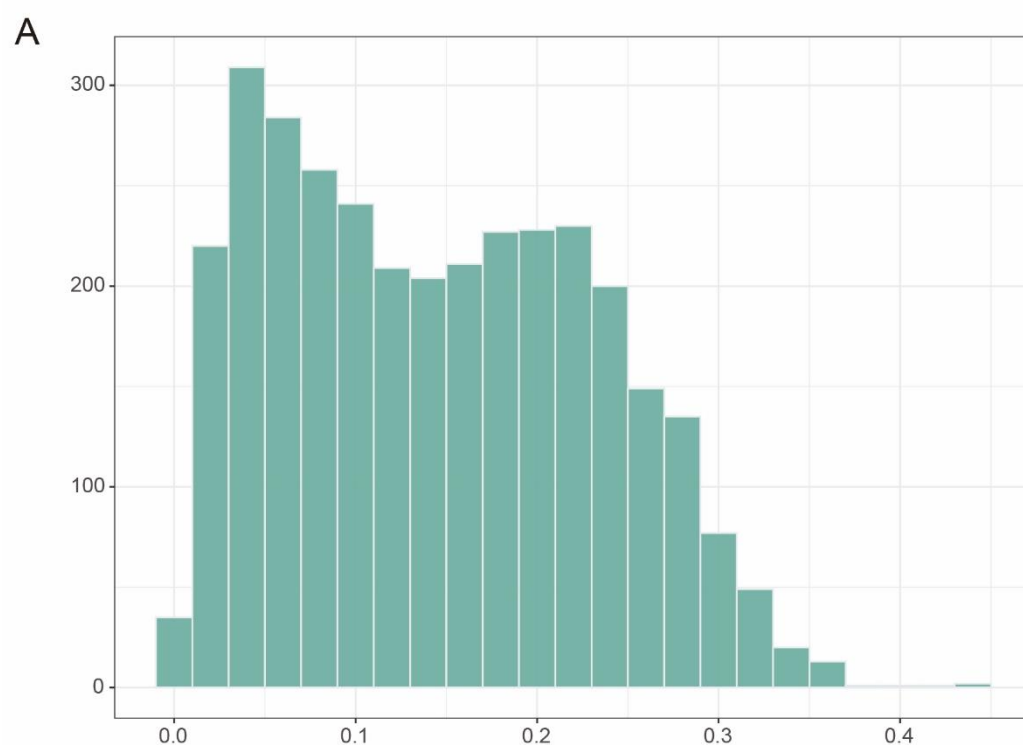
Supplementary Figures



Supplementary Fig. 1. (A) Dot plot for GSEA pathway analysis of the hallmark gene set. The adjusted P value and gene count are depicted as dot color and size. (B) Dot plot for KEGG pathway analysis and each point in the plot represents a pathway from KEGG analysis.



Supplementary Fig. 2. (A) Heatmap showed CNVs of non-immune cells in Scissor_CS1. **(B)** Heatmap showed CNVs of non-immune cells in Scissor_CS2.



Supplementary Fig. 3. (A) Histogram plot of copy number variation score distribution in non-immune cells.

Supplementary Tables

Supplementary Table S1. Basic information of five external validation cohorts.

Supplementary Table S2. Significantly differentially expressed genes of CS1 and CS2 generated by DESeq2.