Supplementary materials

Pivotal biomarker expression and drug screening in advanced ccRCC

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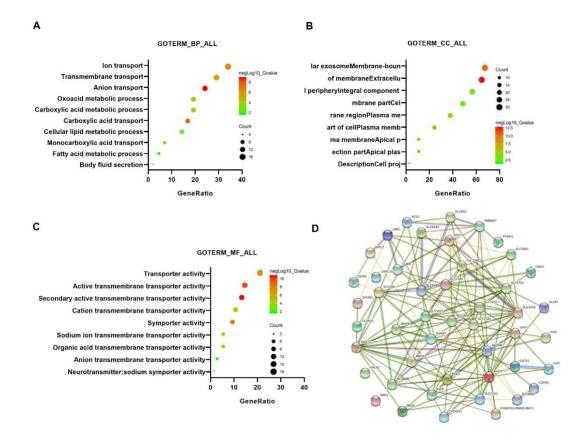
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Running head: Biomarker and drug screening in advanced ccRCC

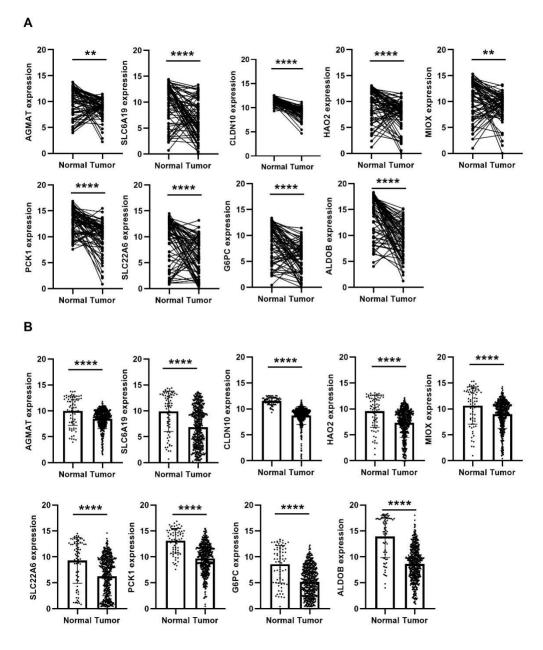
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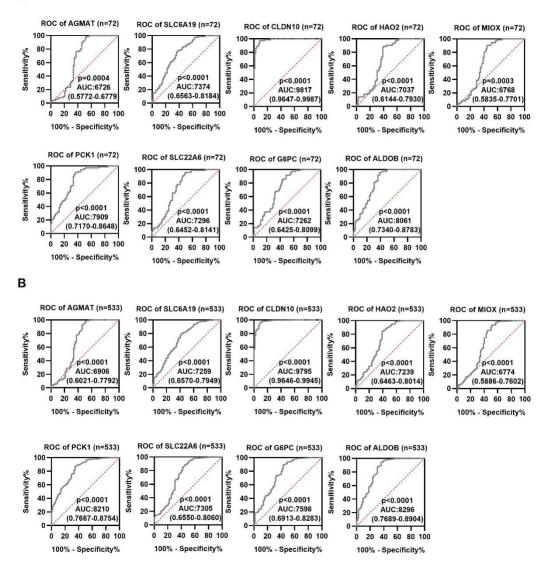
Supplementary figure



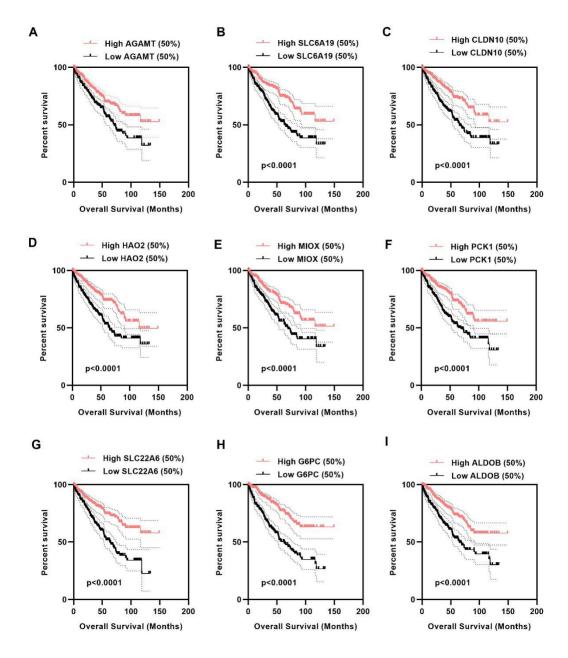
Supplementary Figure 1. Functional Enrichment and PPI Network Analysis. (A) –(C)The GO analysis of downregulated DEGs. (D) The PPI network of downregulated DEGs



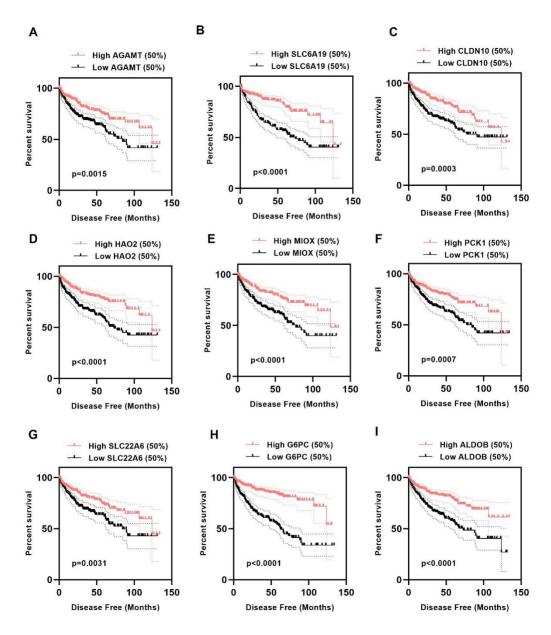
Supplementary Figure 2. Verification of 9 pivotal gene expression in total cases of ccRCC. (A) Expression of 9 pivotal genes in 72 matched normal and cancer tissues in TCGA-KIRC, (B) Expression of 9 pivotal genes in 72 normal and 533 cancer tissues in TCGA-KIRC. **P<0.01 and ****P<0.0001.



Supplementary Figure 3. Diagnostic efficiency of 9 pivotal genes in ccRCC. (A) ROC curve of AGMAT, SLC6A19, CLDN10, HAO2, MIOX, PCK1, SLC22A6, G6PC, ALDOB between 72 matched normal and cancer tissues in TCGA-KIRC. (B) ROC curve of AGMAT, SLC6A19, CLDN10, HAO2, MIOX, PCK1, SLC22A6, G6PC, ALDOB between 72 normal and 533 cancer tissues in TCGA-KIRC.



Supplementary Figure 4. The overall survival analysis of 9 pivotal genes in ccRCC. (A) AGMAT, (B) SLC6A19, (C) CLDN10, (D) HAO2, (E)MIOX, (F) PCK1, (G) SLC22A6, (H) G6PC, (I) ALDOB.



Supplementary Figure 5. The disease-free survival analysis of 9 pivotal genes in ccRCC. (A) AGMAT, (B) SLC6A19, (C) CLDN10, (D) HAO2, (E)MIOX, (F) PCK1, (G) SLC22A6, (H) G6PC, (I) ALDOB.