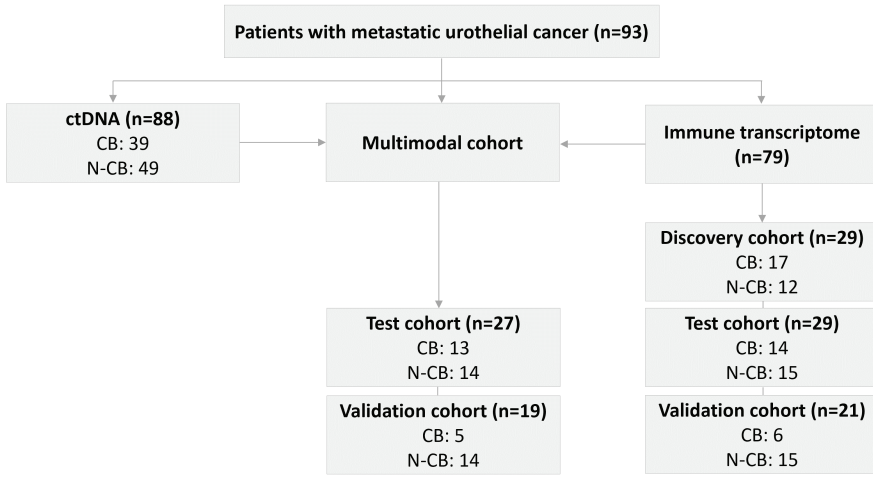
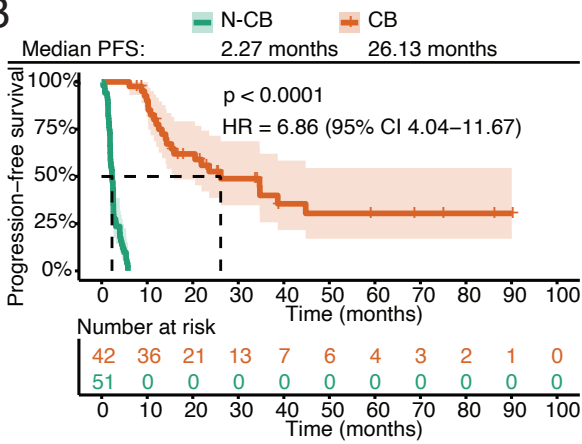


Figure S1

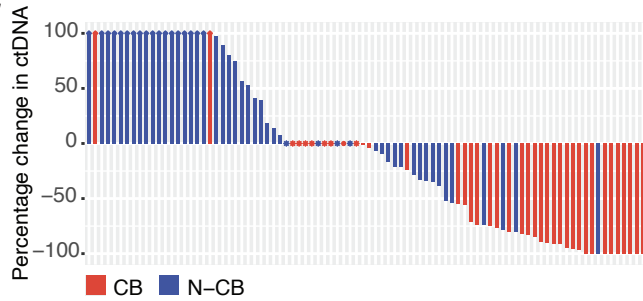
A



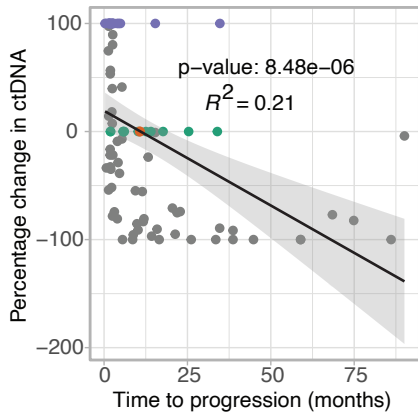
B



C



D



- percentage change >100
- undetected ctDNA
- no ctDNA change

E

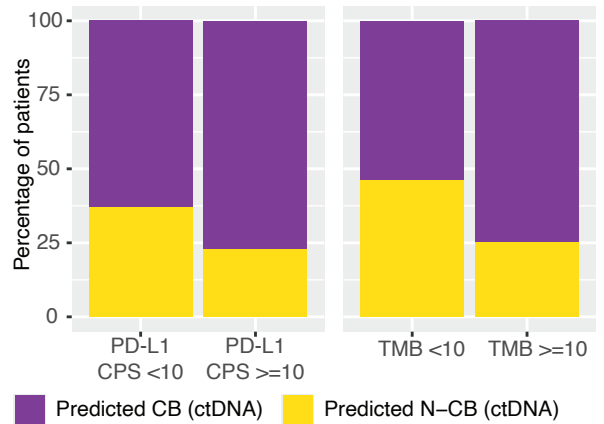


Figure S2

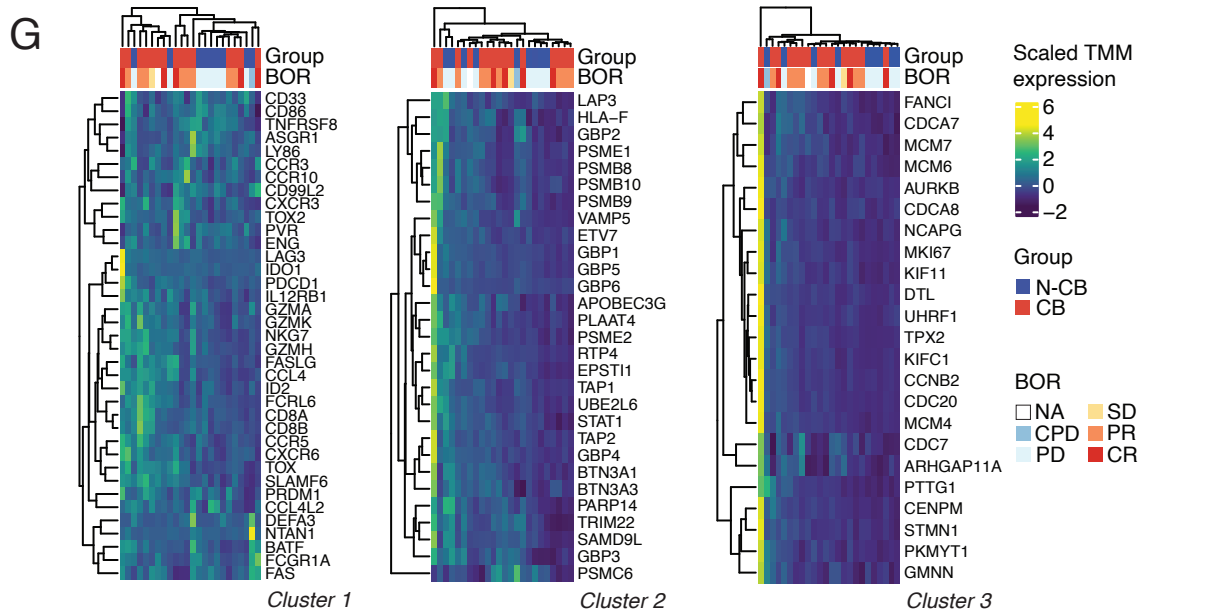
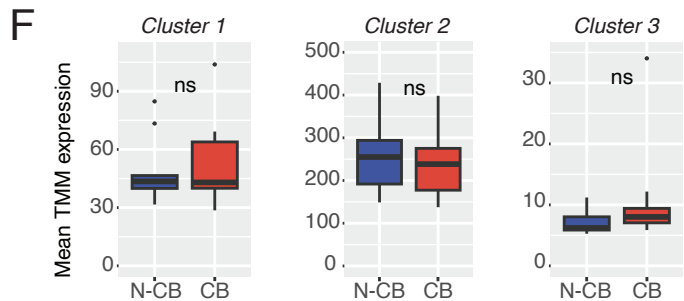
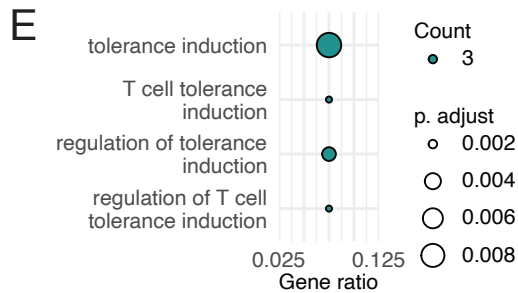
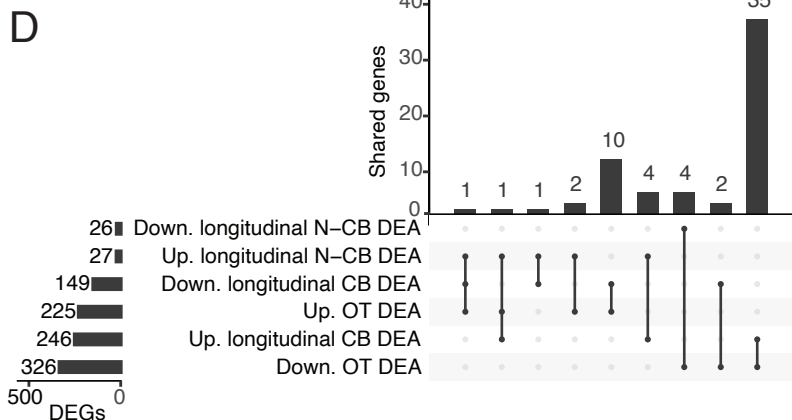
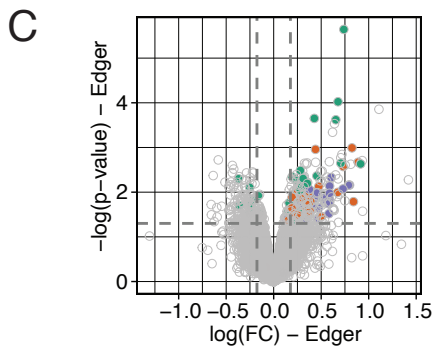
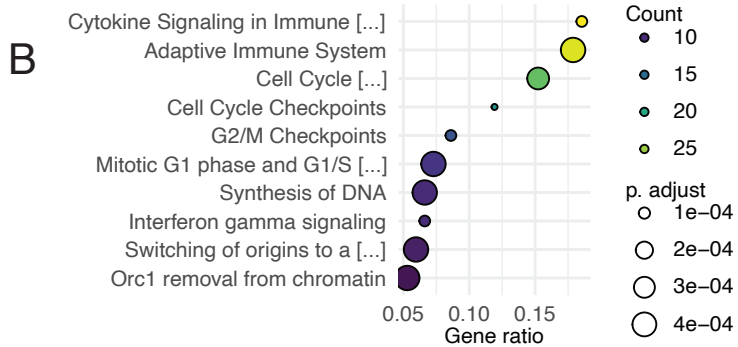
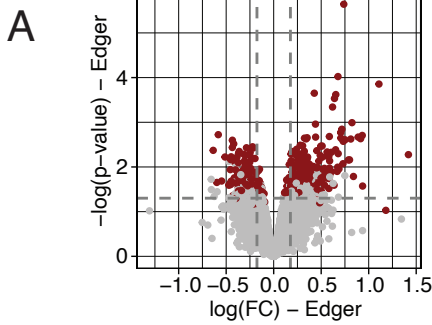
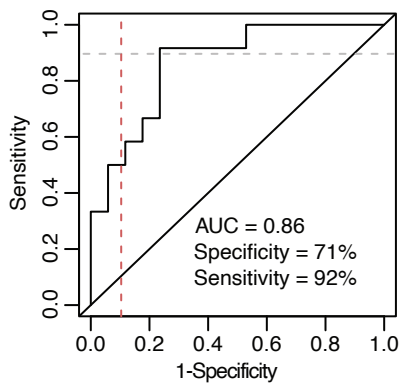
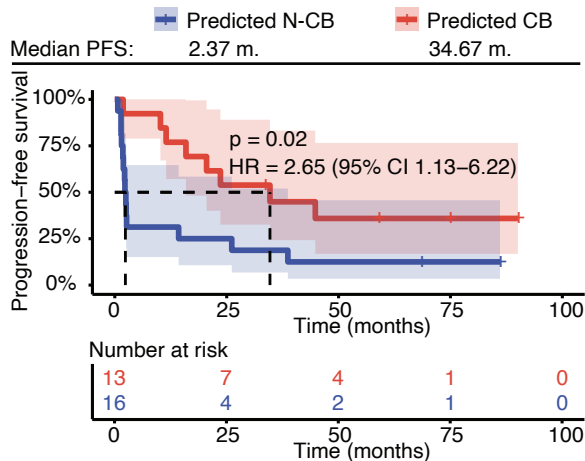


Figure S3

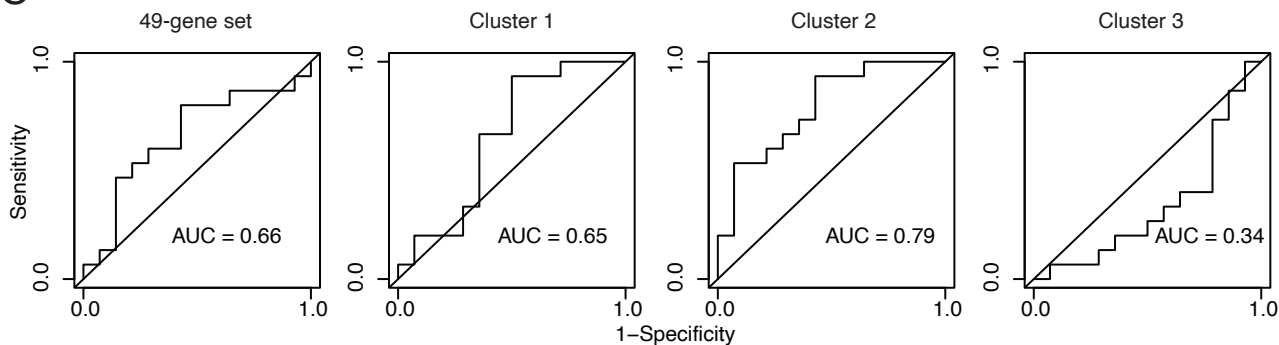
A



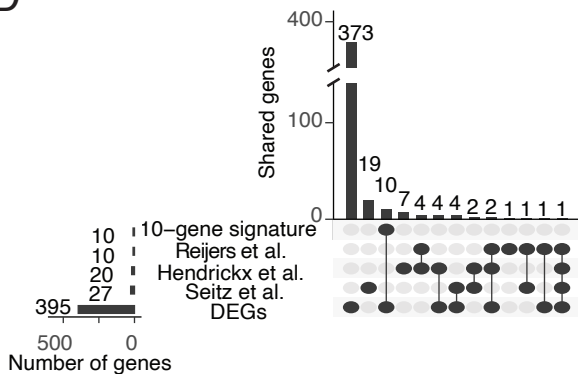
B



C



D



E

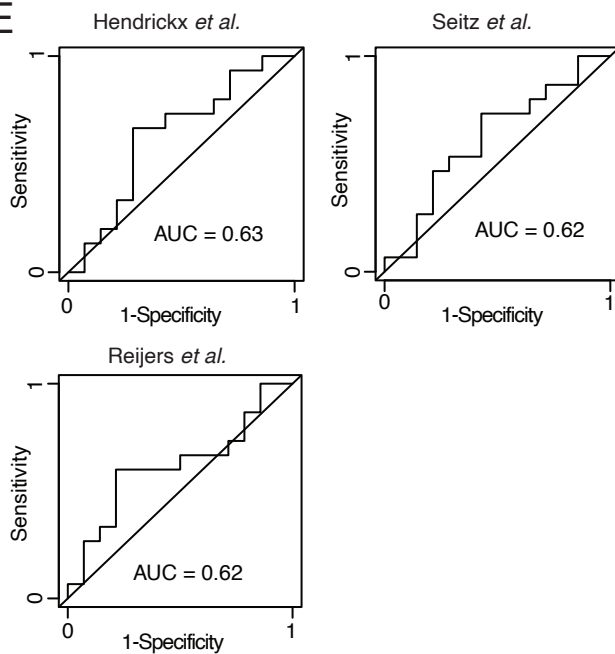
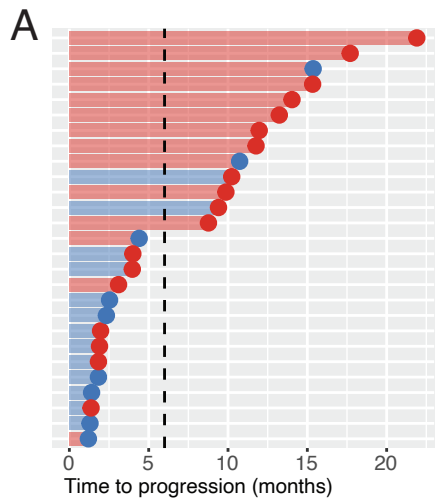


Figure S4



RNA model ctDNA model

- Predicted N-CB ● Predicted N-CB
- Predicted CB ● Predicted CB

