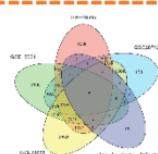


## Candidate gene identification

### I. UBE2S data collection



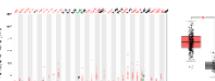
UBE2C  
UBE2S  
DTL  
ITCH  
CDC20  
UBE2N



UBE2S

Prognosis-related genes in OC

### II. Landscape of UBE2S in ovarian cancer

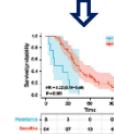
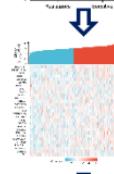
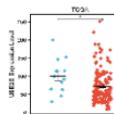


ACC LUAD  
BLCA LUSC  
BRCA OV  
CESC PAAD  
COAD READ  
DLBC SKCM  
ESCA STAD  
GBM THYM  
HNSC UCEC  
LIHC UCS

mRNA Expression analysis  
Protein Expression analysis  
Kaplan-Meier Plotter  
Prognostic analysis

### III. Landscape of UBE2S in Platinum-resistant ovarian cancer

TCGA (Platinum resistant/sensitive)

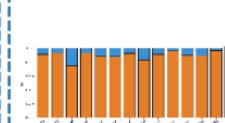
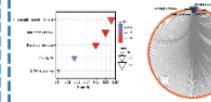
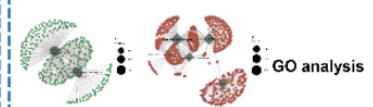


Expression level

Resistance correlation analysis

Prognostic analysis

### IV. Molecular and clinical relevance



Platinum sensitive

UBE2S



New Biomarkers

UBE2S ↑



### V. UBE2S knock-down experiment (SKOV3-DDP; A2780-DDP)

