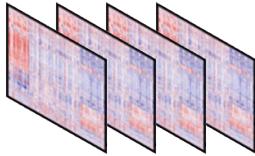


## Data Loading



Expression Matrix

Gender	
Age	
Cancer Type	
Clinical Data	

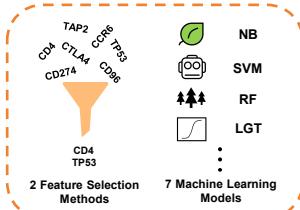
Meta Information

## Response Prediction Module

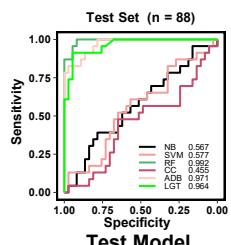


Responders  
Patient Classification

## Prediction Model Construction Module



Build Model



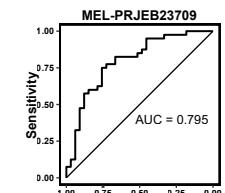
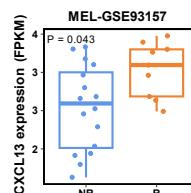
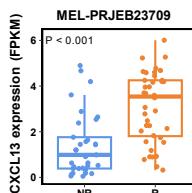
## Biomarker Evaluation Module

### Samples

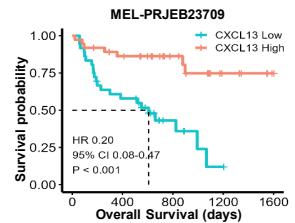
Biomarkers  
IRS  
TGE8  
MEMTS  
PRGScore  
Angiogenesis  
... (23 Signatures)

Expression Matrix

### Expression Difference



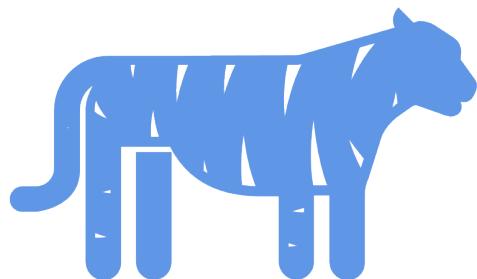
ROC Curve



Survival Difference



Comparison with Known Signatures



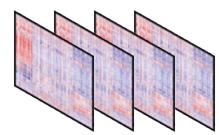
# tigeR

## Tumor Microenvironment Deconvolution Module

CIBERSORT

TIMER  
CONSENSUS

TME Deconvolution



Cell Fraction

Expression Matrix