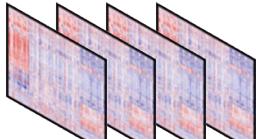


Data Loading



Expression Matrix

Gender	
Age	
Cancer Type	
Clinical Data	

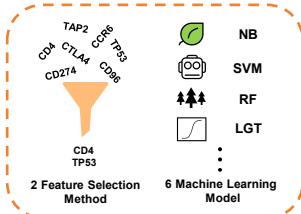
Meta Information

Response Prediction Module

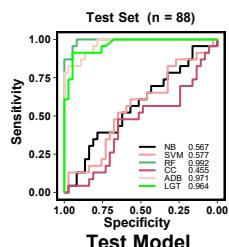


Responders
Patient Classification

Prediction Model Construction Module



Build Model



Test Model

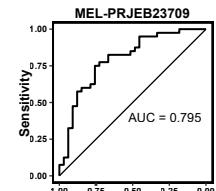
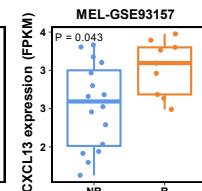
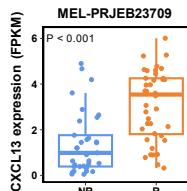
Biomarker Evaluation Module

Samples

Biomarkers
IRS
tGE8
MEMTS
PRGScore
Angiogenesis
... (23 Signatures)

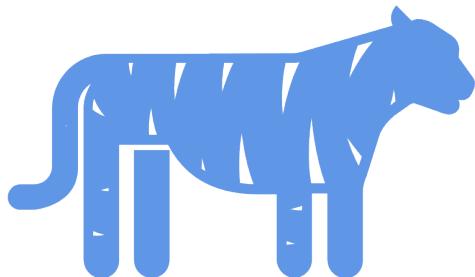
Expression Matrix

Expression Difference



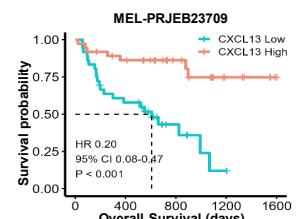
ROC Curve

Expression Difference



tigeR

Survival Difference



Survival probability

Overall Survival (days)

Survival Difference

MEL-PRJEB23709

CXCL13 Low

CXCL13 High

HR 0.20

95% CI 0.08-0.47

P < .001

AUC

0.795

0.75

0.50

0.25

0.00

0 400 800 1200 1600

Overall Survival (days)

Survival Probability

0.00

0.25

0.50

0.75

1.00

0 400 800 1200 1600

Overall Survival (days)

Survival Probability

0.00

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