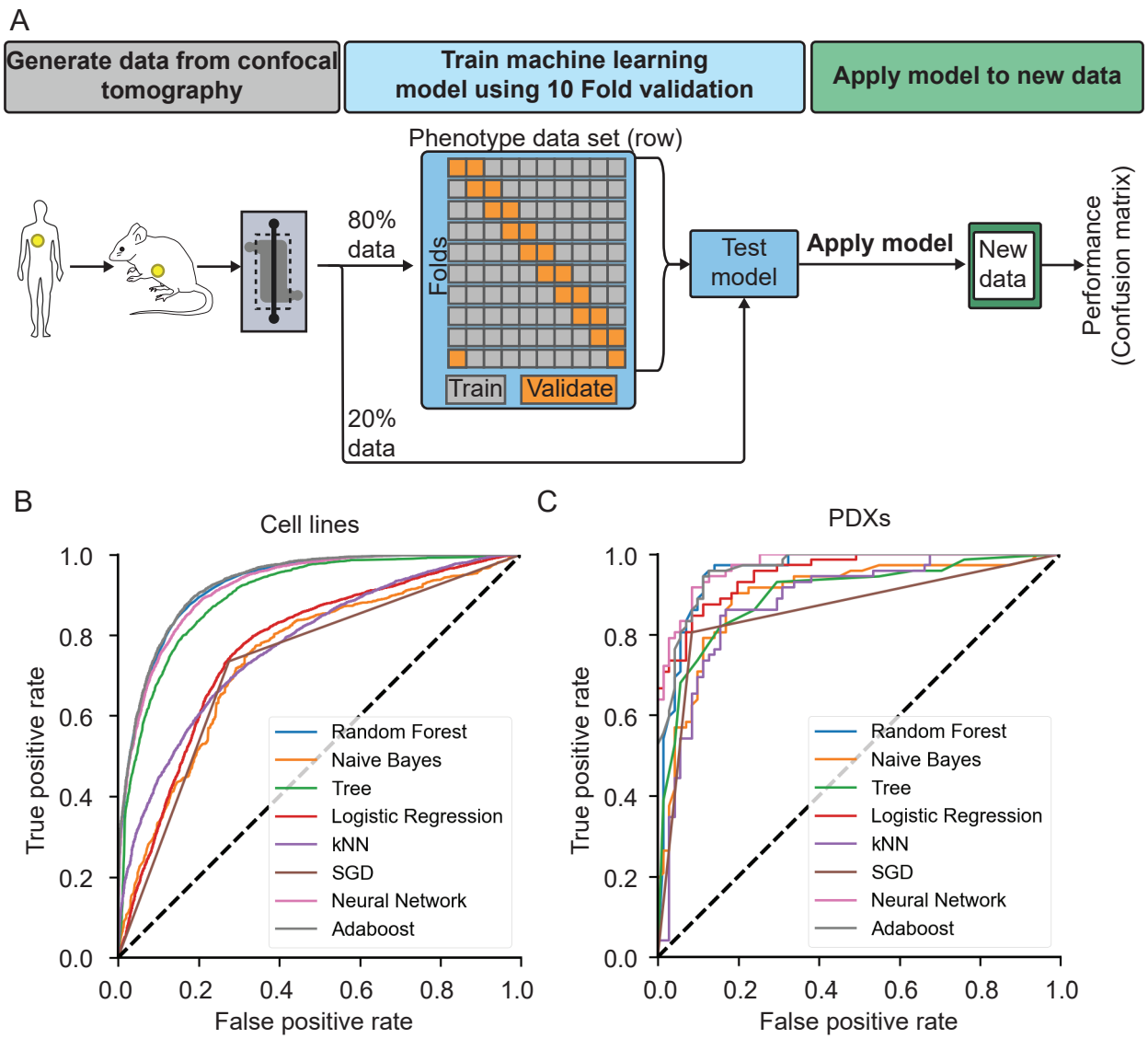
A
Generate data from confocal tomography
Train machine learning model using 10 Fold validation
Apply model to new data
Phenotype data set (row)
80% data
20% data
Folds
Train
Validate
Test model
Apply model
New data
Performance (Confusion matrix)
B
Cell lines
True positive rate
False positive rate
Random Forest
Naive Bayes
Tree
Logistic Regression
kNN
SGD
Neural Network
Adaboost
C
PDXs
True positive rate
False positive rate
Random Forest
Naive Bayes
Tree
Logistic Regression
kNN
SGD
Neural Network
Adaboost