Preoteomics - Age Cohort Segregation - RF

Top-left ROC panel:

Var.	AUC	CI
5	0.923	0.83-.9
10	0.932	0.84-.9
15	0.936	0.87-1
25	0.940	0.87-1
50	0.946	0.89-1
100	0.946	0.87-1

Axes: Sensitivity (True positive rate) vs Specificity (False positive rate)

Top-right panel: Samples vs Predicted Class Probabilities. Labels: 1872, 1425, 2495, 1568, 1414. Legend: ● Y, ○ O

Middle-left panel: Area under the curve (AUC) = 0.923, 95% CI: 0.831-0.988

Middle-right panel: Area under the curve (AUC) = 0.94, 95% CI: 0.876-1

Bottom-left panel — Selected Frequency (%), genes top to bottom:
Atp5j, Gckr, Metap1d, Trim6, Csda, Dhrs4, Usmg5, Stmn4, Atp5j2, Txnrd3, Pex5, Rab6b, Agpat2, Pmvk, Rae1, Atp5l, Cnp, Atp5e, Cox6a1, Xpo1, Tomm40, Tars2, Slc29a1, Prpsap1, Tbcel. Columns Y, O with High/Low color scale.

Bottom-right panel — Predictive accuracies with different features:
84.4 %, 85.1 %, 85.2 %, 85.8 %, 85.9 %, 85.7 %
Axes: Predictive Accuracy vs Number of features (5, 10, 15, 25, 50, 100)