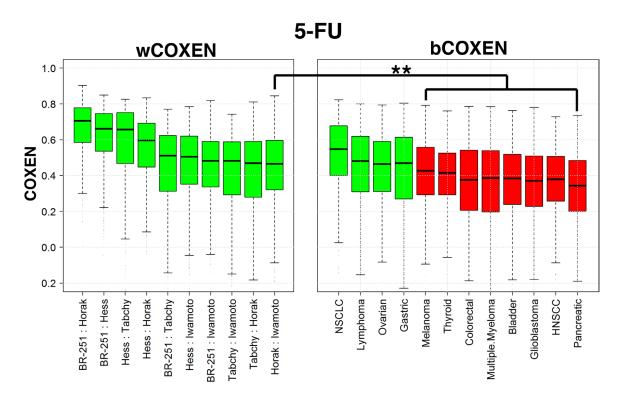
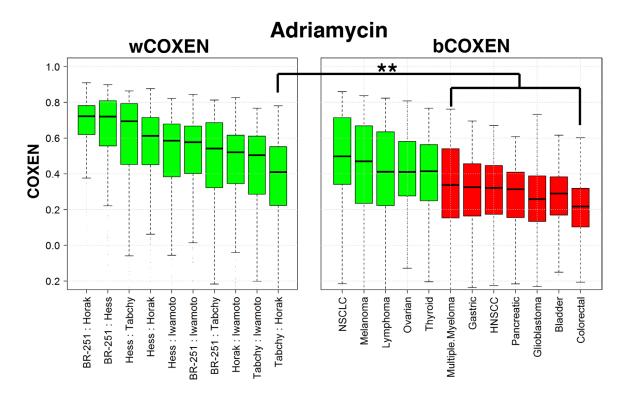
CONCORD biomarker prediction for novel drug introduction to different cancer types

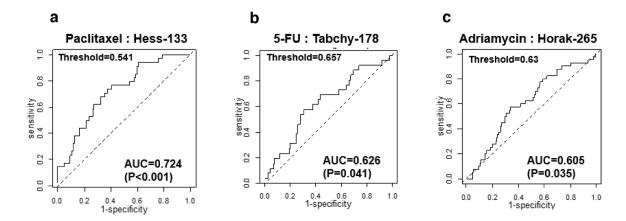
SUPPLEMENTARY MATERIALS



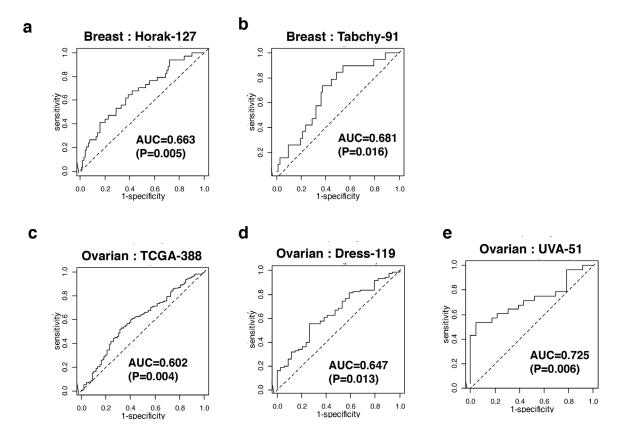
Supplementary Figure 1: 5-Fu: identification of cancer types for CONCORD prediction.



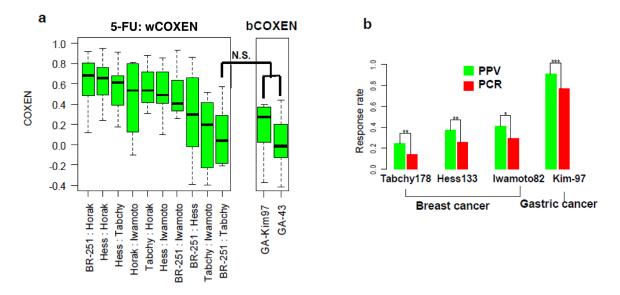
Supplementary Figure 2: Adriamycin: identification of cancer types for CONCORD prediction.



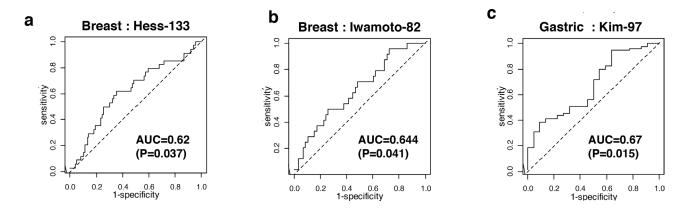
Supplementary Figure 3: ROC curves of final CONCORD models on breast cancer test sets.



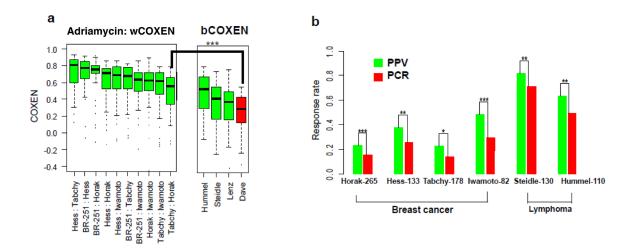
Supplementary Figure 4: Paclitaxel: ROC curves of CONCORD prediction on breast and ovarian cancers.



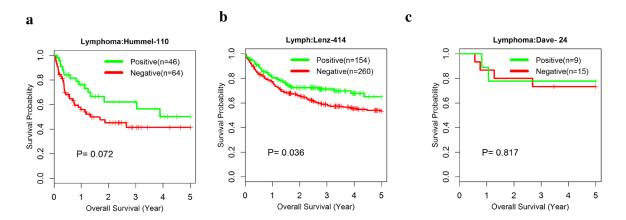
Supplementary Figure 5: 5-Fu: CONCORD cross-cancer prediction.



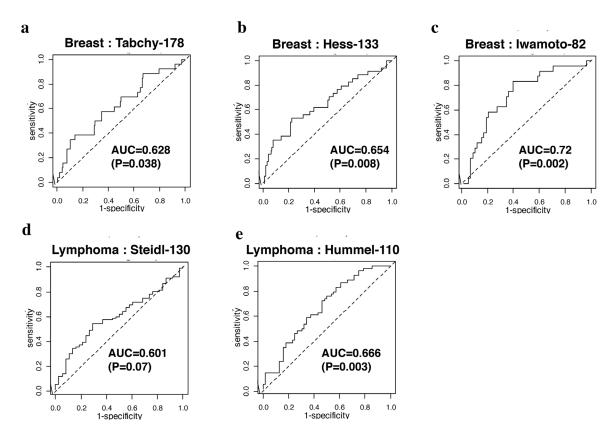
Supplementary Figure 6: 5-Fu: ROC curves of CONCORD prediction on breast and gastric cancers.



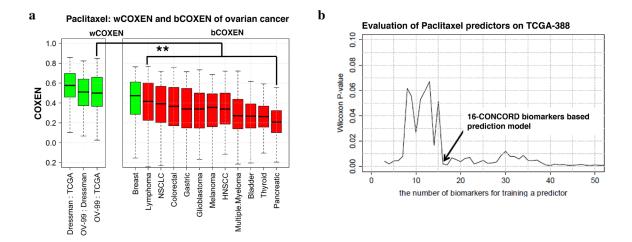
Supplementary Figure 7: Adriamycin: CONCORD prediction for breast cancer and lymphoma.



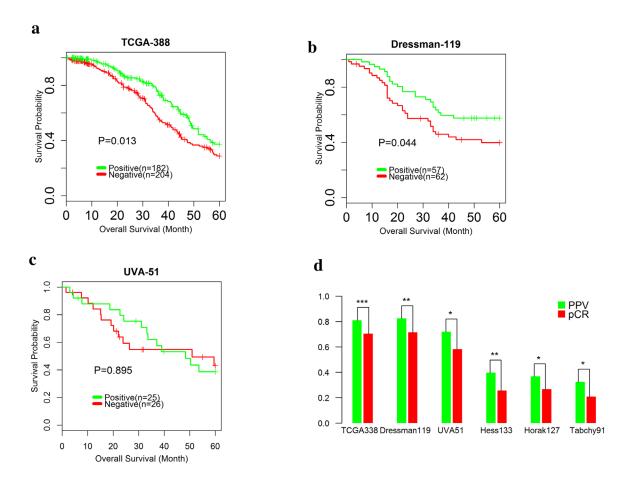
Supplementary Figure 8: Adriamycin: CONCORD prediction of overall survival in lymphoma.



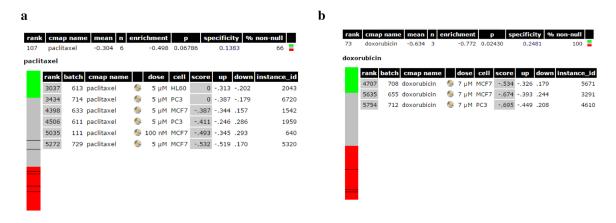
Supplementary Figure 9: Adriamycin: overall performance of CONCORD for breast and lymphoma.



Supplementary Figure 10: Paclitaxel: CONCORD model development from ovarian cancer.



Supplementary Figure 11: Paclitaxel: Ovarian Cancer-to-Breast Cancer.



Supplementary Figure 12: Connectivity Map Analysis of CONCORD Biomarkers.

Supplementary Table 1: The result of blomarker discovery, three-way COXEN analysis and model selection
See Supplementary File 1
Supplementary Table 2: Ingenuity Pathway Analysis of Paclitaxel biomarkers
See Supplementary File 2
Supplementary Table 3: Ingenuity Pathway Analysis of 5-FU biomarkers
See Supplementary File 3
Supplementary Table 4: Ingenuity Pathway Analysis of Adriamycin biomarkers
See Supplementary File 4
Supplementary Table 5: Complete list of biomarkers of CONCORD predictors
See Supplementary File 5
Supplementary Table 6: The list of gene expression and chemotherapeutic response data of cancer cell lines and cancer patient cohorts
See Supplementary File 6