Description of Additional Supplementary Files

Supplementary Data 1. Predicted drugs for breast cancer PDX model. P-values were determined by two-sided K-S test and were adjusted by BH FDR.

Supplementary Data 2. Predicted drugs for leukemia. P-values were determined by two-sided K-S test and were adjusted by BH FDR.

Supplementary Data 3. Predicted drugs for COVID-19. P-values were determined by two-sided K-S test and were adjusted by BH FDR.

Supplementary Data 4. FDA-approved drugs and compounds used in advanced clinical trials or have been proven effective in animal models