

Supplementary

TGF β 1 expression in PDX model

Although downregulation of TGF β 1 was found in cell line models, results were inconsistent in PDX models (Figure S1).

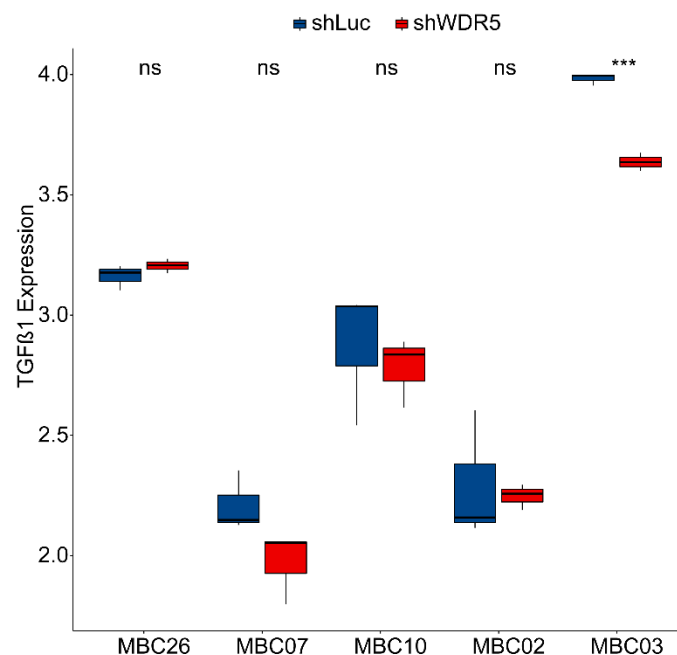


Figure S1 TGF β 1 expression in PDX model. TGF β 1 only significantly down-regulated in MBC03 model. The expression was valued in RPKM. P value was calculated by Wilcoxon test. (* refers to $p < 0.05$, *** refers to $p < 0.001$).

DEGs in PDX model

RNA-seq of five patient-derived xenografts (PDX) models and MCF10DCIS cell line. Differentially expressed genes (DEG) analysis was performed for each PDX model.

To eliminate individual differences, genes differentially expressed in at least two PDXs were extracted, resulting in 95 up-regulated genes and 288 down-regulated genes(Figure S2 A and B).

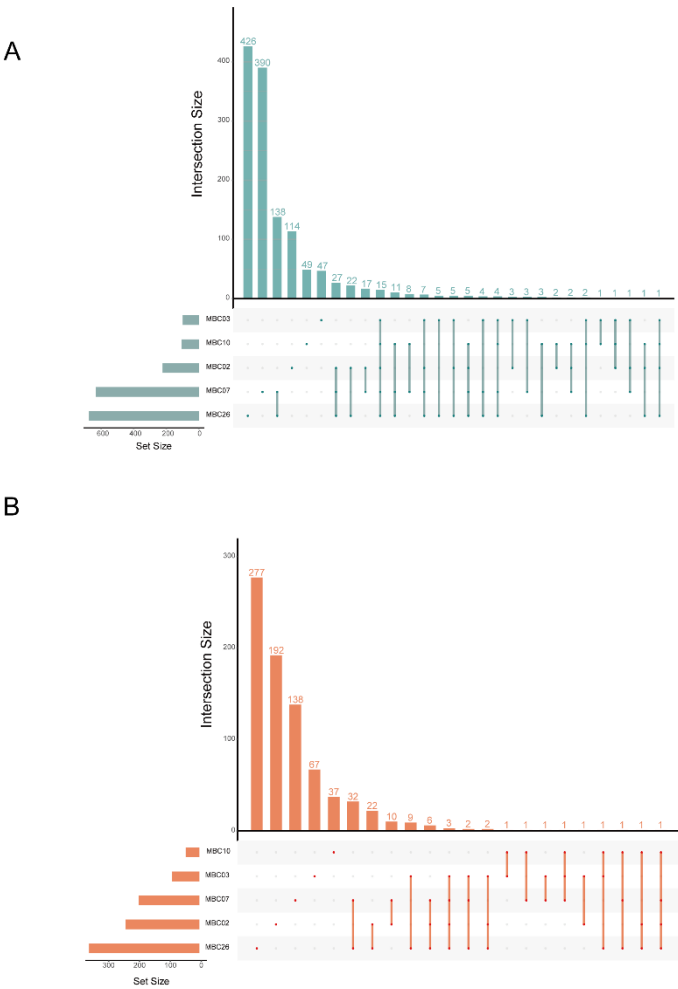


Figure S2 Intersection DEGs of each PDX model. (A) Down-regulated genes in each PDX model. (B) Up-regulated genes in each PDX model.