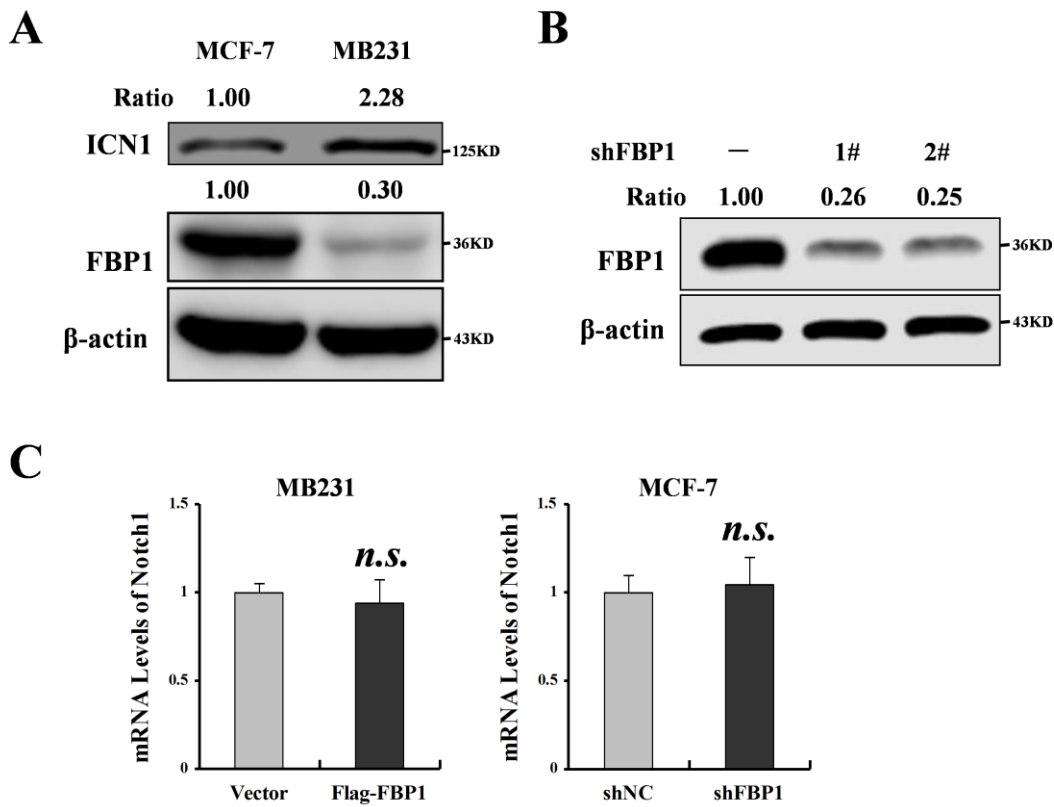


Supplementary Data

A brief caption of supplementary data

Supplementary Figures: SF1, Validation of the expression of FBP1 and Notch1 in breast cancer cells;
SF2, TCGA validates the association between FBP1/Notch1 in human clinical samples of breast cancer;
Table S1-The novel binding partners of FBP1.

Figure S1



Supplementary Fig. 1.

(A) MCF-7 or MB231 cells were collected followed by western blot.

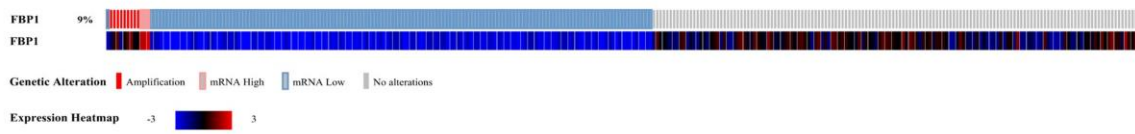
(B) FBP1 was stably knocked down in MCF-7 cells followed by western blot.

(C) MCF-7 or MB231 cells were knocked down or over-expressed FBP1. qRT-PCR was performed to analyze *Notch1* mRNA levels.

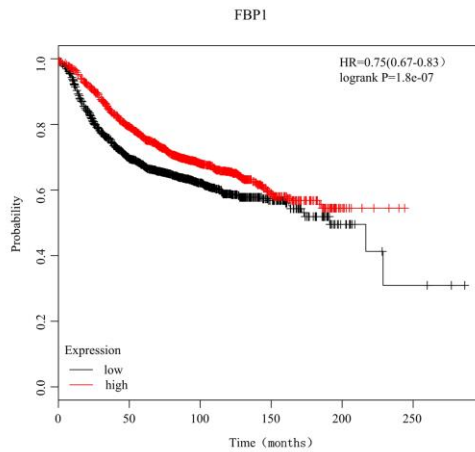
All data represent mean \pm SD of three independent experiments, * $p < 0.05$.

Figure S2

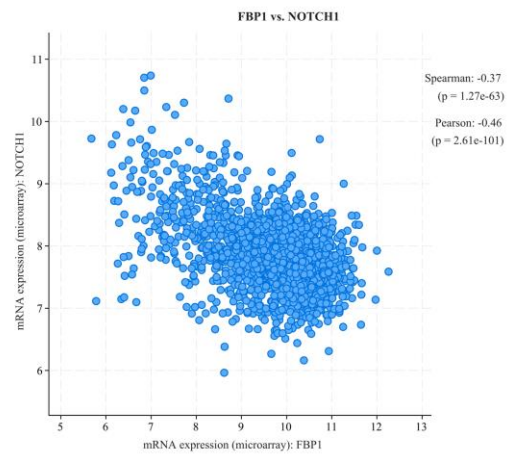
A



B



C



Supplementary Fig. 2.

(A) The *FBP1* mRNA expression in TCGA Breast Carcinoma.

(B) The RFS in bladder cancer patients related to the abnormal expression of *FBP1* according to the KM plotter.

(C) The Pearson correlations in mRNA expression levels between *Notch1* and *FBP1* in 1904 breast invasive carcinoma samples.