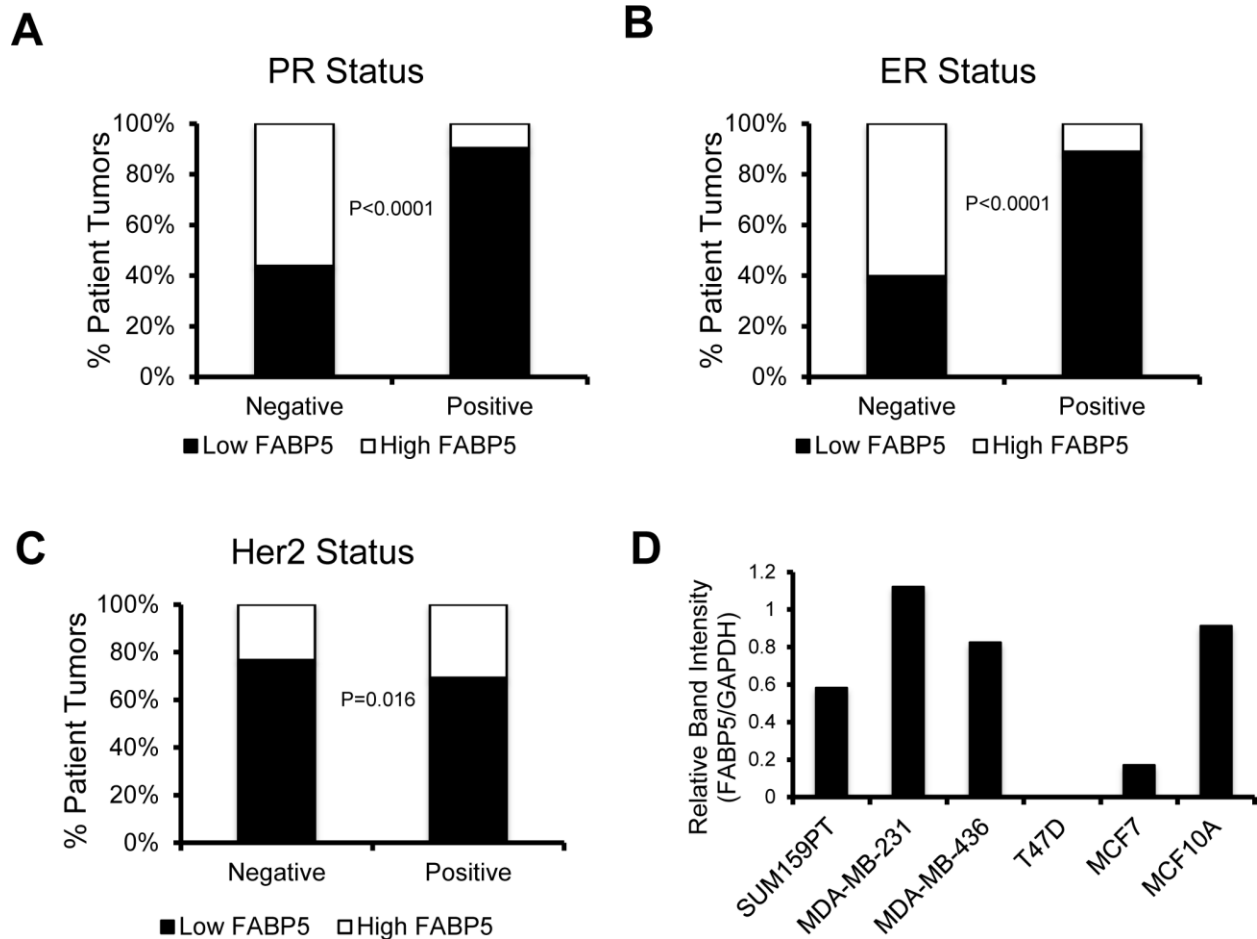
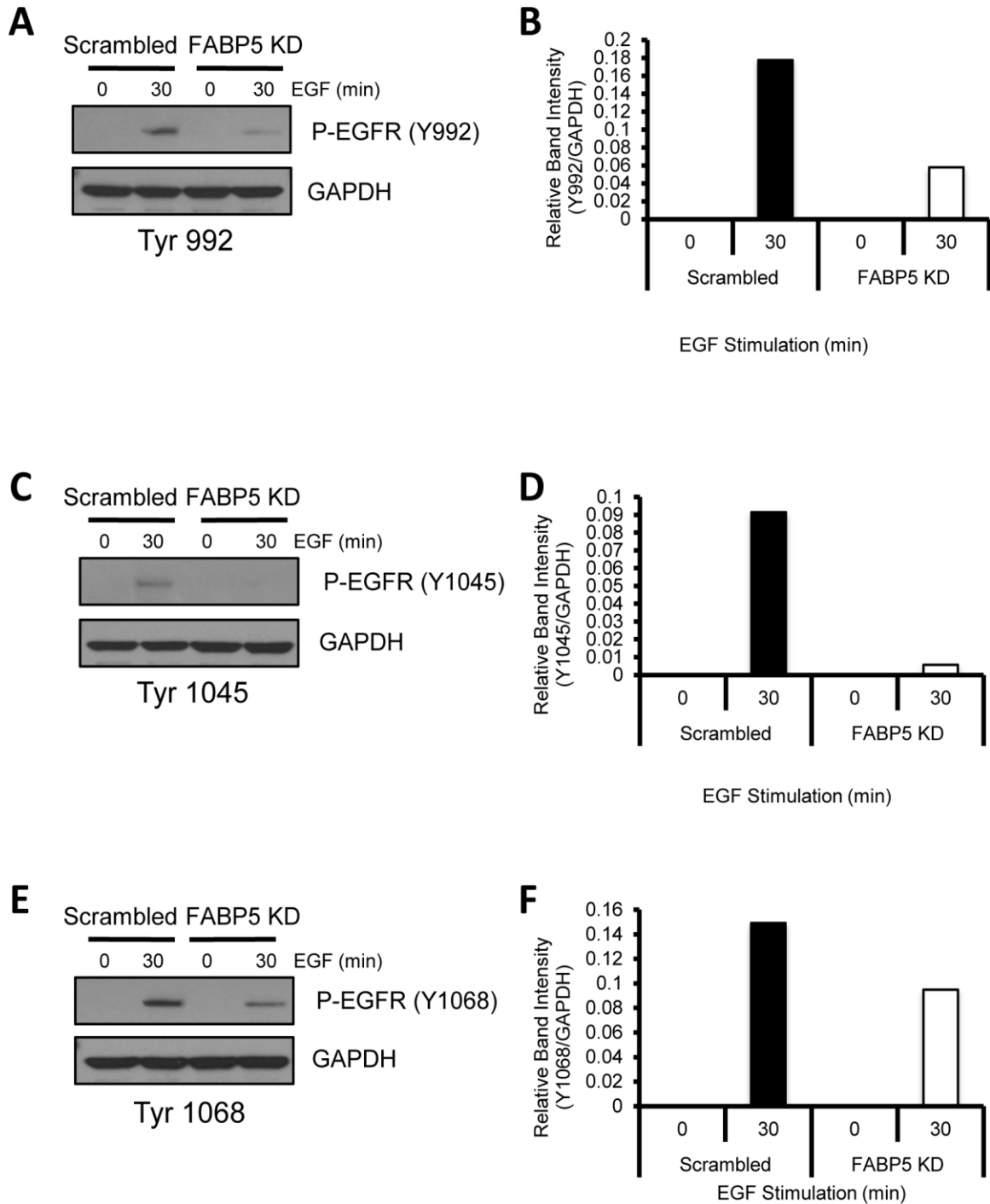


Fatty acid binding protein 5 promotes metastatic potential of triple negative breast cancer cells through enhancing epidermal growth factor receptor stability

Supplementary Material



Supplemental Figure S1 : FBP5 expression correlates with individual receptor status in patient data. Graphical representation of FBP5 expression in patient samples compared to PR (A, $P < 0.0001$), ER (B, $P < 0.0001$), and HER2 (C, $P < 0.016$) expression, respectively. (D) Quantification of relative FBP5 expression in SUM159PT, MDA-MB-231, MDA-MB-436, T47D, MCF7, and MCF10A cells calculated with respect to GAPDH.



Supplemental Figure S2: Phosphorylation of EGFR decreased in FABP5 KD cells. Scrambled and FABP5 KD cells were serum starved overnight and stimulated with EGF (50 ng/mL) for indicated time points. Cell lysates were harvested and subjected to western blot analysis for (A&B) phospho-EGFR (Y992), (C&D) phospho-EGFR (Y1045), and (E&F) phospho-EGFR (Y1068) with GAPDH as a loading control. Quantification of relative phospho-EGFR expression in scrambled and FABP5 KD cells with varying timepoints of EGF treatments calculated with respect to GAPDH.