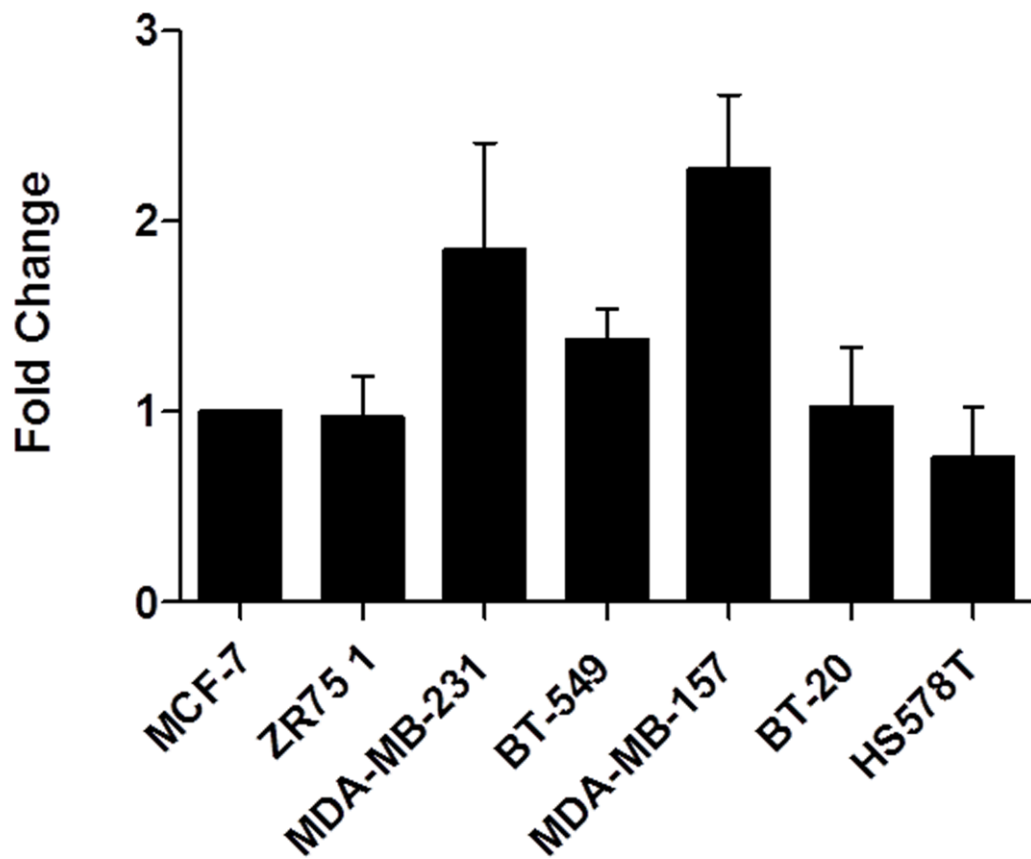


## SUPPLEMENTARY FIGURE AND TABLE



**Supplemental Figure 1: PRKCA Expression Across ER<sup>+</sup> and Triple Negative Breast Cancer Cell Lines.** A cohort of ER<sup>+</sup> (ZR75, MCF-7) and ER<sup>-</sup> (MDA-MB-157, MDA-MB-231, BT-549, Hs578t) breast cancer cell lines were tested by qPCR to determine basal PRKCA expression. B-actin was used for internal normalization and compared to the MCF-7 breast cancer cell line (designated as 1).

**Supplemental Table 1: miR-200b expression in MDA-MB-231 cell line induces gene expression changes in genes associated with EMT**

Gene Name	LogFc	p-value	FDR
CDH1	2.03	8.12E-10	7.88E-08
CDH2	4.73	7.88E-42	1.44E-38
COL1A2	-2.44	3.08E-32	2.61E-29
EGFR	0.39	0.000129	0.003723
ERBB3	1.44	2.31E-11	2.83E-09
F11R	0.95	5.17E-14	9.25E-12
FN1	-0.51	1.19E-06	6.15E-05
IGFBP4	-0.70	2.83E-07	1.69E-05
ITGB1	-0.64	1.48E-11	1.87E-09
KRT19	0.57	7.05E-05	0.00223
KRT7	-0.75	1.32E-07	8.53E-06
MITF	0.70	0.001347	0.026478
MST1R	0.77	1.95E-08	1.44E-06
OCLN	1.92	1.62E-13	2.68E-11
PDGFRB	-2.13	6.46E-08	4.38E-06
SERPINE1	1.12	1.25E-15	2.69E-13
TMEM132A	0.54	0.002551	0.043995
TSPAN13	2.19	4E-06	0.000182
WNT5B	0.51	0.000411	0.009961
VIM	-0.16	0.17978	0.873841
ZEB1	-0.97	6.87E-12	8.87E-10
ZEB2	-0.72	0.001772	0.032987