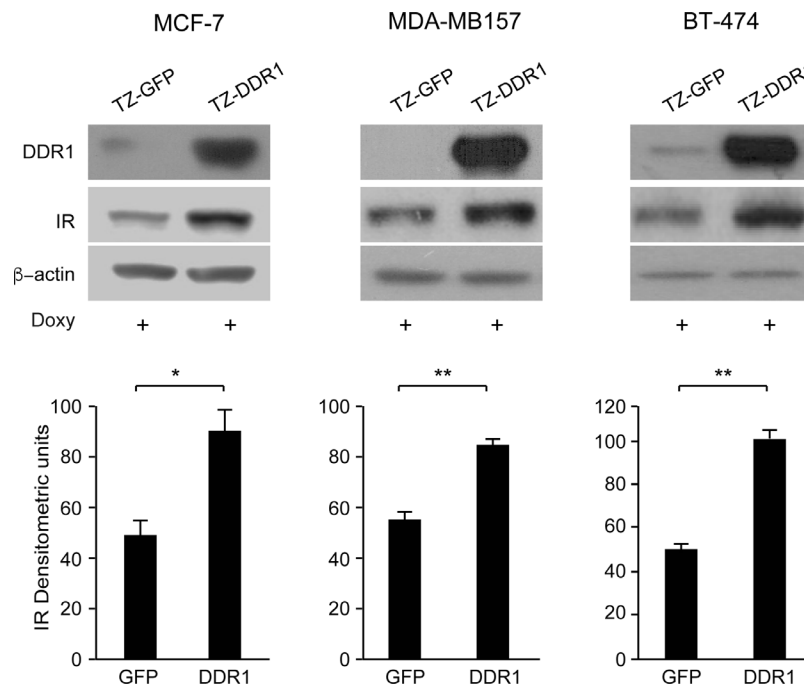


## Discoidin domain receptor 1 modulates insulin receptor signaling and biological responses in breast cancer cells

### SUPPLEMENTARY MATERIALS



**Supplementary Figure 1: DDR1 overexpression increases IR expression in breast cancer cell lines.** MCF-7, MDA-MB-157 and BT-474 cells were transiently transfected with pTZ doxy-inducible lentiviral vectors encoding for DDR1 or control GFP. Western blot analysis was performed upon 48h doxycycline treatment (1μg/mL). After 72h from transfection, cells were lysed, analyzed by SDS-PAGE and immunoblotted with the indicated primary antibodies. DDR1 induction was verified by immunoblotting using a specific primary antibody. β-actin was used as control for protein loading. Panels show a representative blot of two independent experiments. The histograms represent the mean±SEM of densitometric analysis after normalization over β-actin. NS,  $p > 0.05$ ; \* $0.01 < p < 0.05$ ; \*\* $0.001 < p < 0.01$ . Statistical significance was calculated using Student's t-test.

**Supplementary Table 1: Correlation of expression between DDR1 and INSR**

See Supplementary File 1