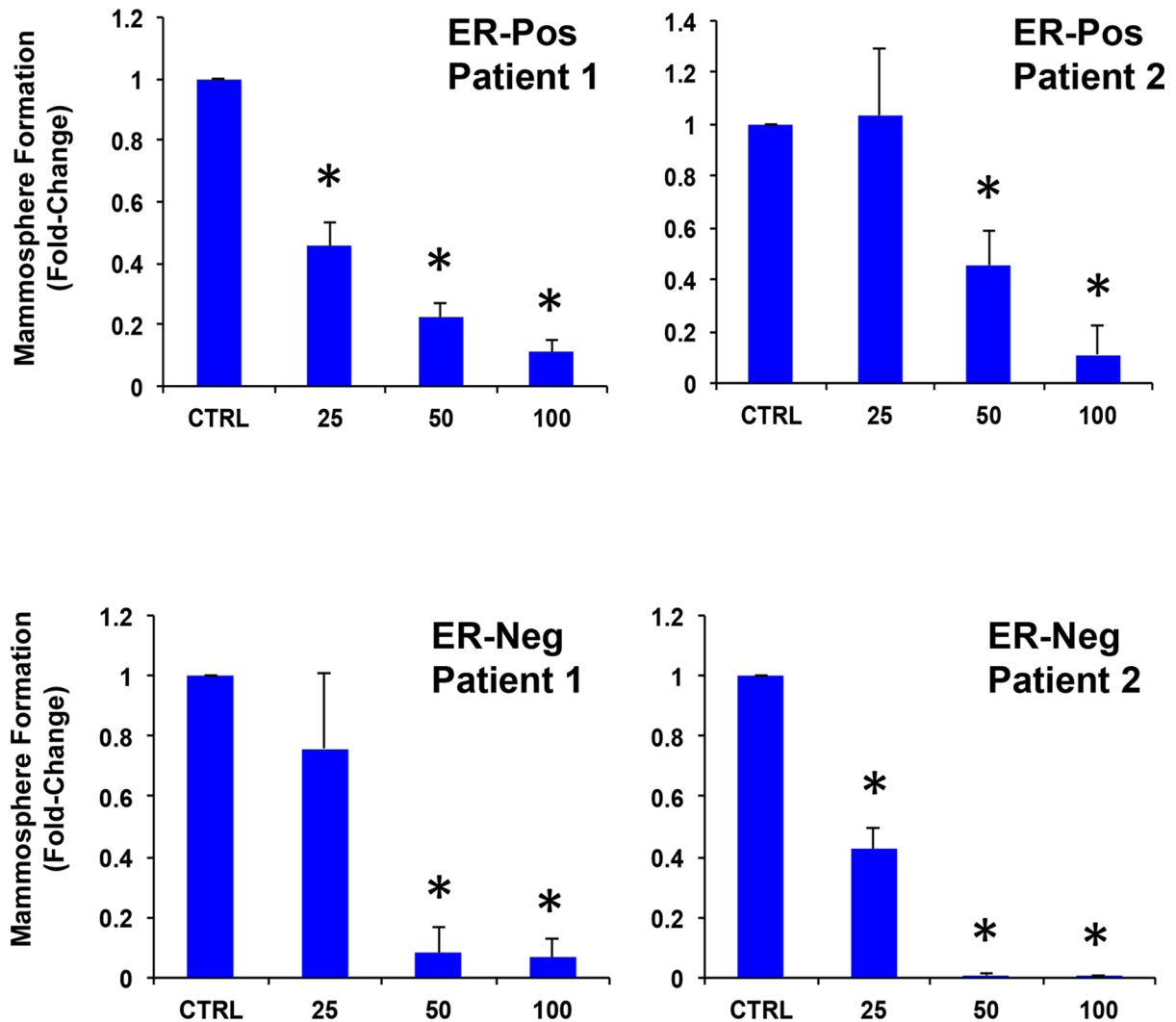


SUPPLEMENTARY FIGURE

Four Primary Cancer Samples from Metastatic Disease Sites



* $p < 0.002$

Supplementary Figure S1: Doxycycline inhibits mammosphere formation, as assessed using four primary breast cancer samples from metastatic disease sites. Upper panels: ER-positive ($N = 2$ patients); Lower panels: ER-negative ($N = 2$ patients). Note that doxycycline dose-dependently (0, 25, 50 and 100 μM) inhibits mammosphere formation in four different primary patient samples derived from metastatic disease sites (either pleural effusions or ascites). Doxycycline works well in metastatic samples derived from both ER-positive or ER-negative patients. All experiments were performed in triplicate.