



Supplementary Figure 3. Comparison of signaling in MDA-MB-231HM, parental MDA-MB-231 and 66cl4 cells. (A) Stress accelerates metastases in MDA-MB-231HM vs. 66cl4 mouse orthotopic models of breast cancer (n=3-5). (B) Parental MDA-MB-231 express β_1 AR and β_2 AR (n=2). (C) 66cl4 only express β_2 AR (n=3). β_2 AR agonists (formoterol and salbutamol, 10 μ M) stimulate cAMP in (C) MDA-MB-231HM but smaller cAMP increases in (D) parental MDA-MB-231 and (E) 66cl4 (n=3). β_2 AR agonists (D) increase Ca²⁺ in MDA-MB-231HM, but have no effect in (E) parental MDA-MB-231 and (F) 66cl4 (n=3). β_2 AR agonists inhibit pERK in (G) MDA-MB-231HM and (H) parental MDA-MB-231, but (I) stimulate pERK in 66cl4 (n=3). Data are mean \pm S.E.M. or S.D. (B only). * p<0.05, unpaired t-test Welch's correction.