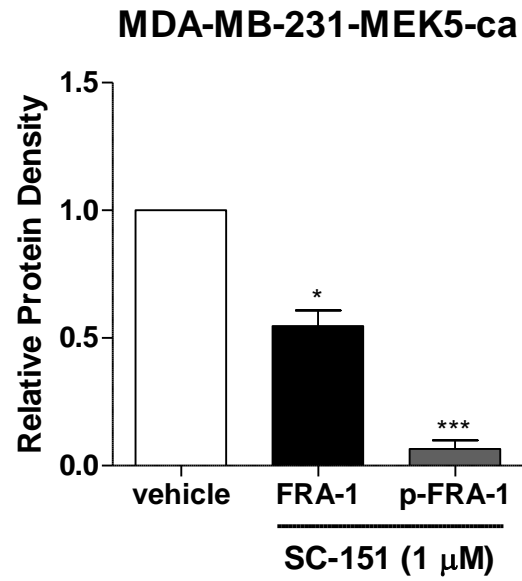


Supplementary Figure 1. Hs-578T tumor formation *in vivo*. Female SCID/beige mice (n = 5/group) were bilaterally injected into the MFP with (A) 2×10^6 Hs-578T-parental and -ERK5-ko cells or (B) 4×10^6 Hs-578T-vector and -MEK5-ca cells. Tumor size was measured biweekly using a digital caliper, and tumor volume was calculated with the formula $\frac{4}{3} \pi L \cdot s^2$, where L = long radius and s = short radius. Data points represent mean tumor volume \pm SEM.



Supplementary Figure 2. MDA-MB-231-MEK5-ca cells were treated with DMSO vehicle or the pan-MEK inhibitor SC-151. Protein levels of FRA-1 and p-FRA-1 were obtained using Western blot and relative protein density was quantified and normalized to Rho-GDI α and DMSO vehicle control.