

Supplemental Data

Supplemental 1. (A) Excision of c-Jun induces a more spread morphology. (B) PCR analysis of *c-jun^{ff}*-MEC transduced with either Ad-Cre or Ad-null demonstrates the production of a 600 base pair PCR-fragment in excised *c-jun^{ff}*-MECs. (C) 2D and 3D culture of either wildtype MEC. Comparison of colony size of *c-jun^{+/+}* vs. *c-jun^{-/-}* (Cre-GFP) is shown as mean \pm SEM. Excision of *c-jun* reduces the diameter of colonies.

Supplement 2. Excision of c-Jun reduces contact-independent growth. (A) Cellular proliferation assays of mammary tumor derived cells determined by OD-450 or (B) Ki-67 FACS. (C) Ki-67 staining is shown for FACS as mean \pm SEM. (D) mRNA expression of stem cell markers in MET from *c-jun^{+/+}* and *c-jun^{-/-}* MET. (E) Luciferase reporter activity of the CCL5 and SCF promoters. Cells were treated with either AG825 (50 μ M) or SP600125 (5 μ M) for 24 hours. Data are mean \pm SEM for N=6 separate transfections.

Supplement 3. Quantitative analysis of cytokine array of conditioned medium (Supernatant) from equal numbers of mammary epithelial tumor cells comparing *c-jun^{+/+}* and *c-jun^{-/-}* cells. Data are representative of 2 separate experiments.

Supplement 1





