



Supplementary information, Figure S7. Analyses of mammary cellular composition in various genetics models

(a) Whole mount images of *K8-CreERT2;R26-mTmG; β -cat^{fl/fl}* and its control mammary tissues two weeks after hormone stimulation. Scale bars, 1 mm.

(b) Quantification of alveoli numbers per cm² of *K8-CreERT2;R26-mTmG; β -cat^{fl/fl}* and its control mammary tissues two weeks after hormone stimulation.

(c) FACS quantification of *K8-CreERT2;R26-mTmG; β -cat^{fl/fl}* and its control mammary tissues showing that the inhibition of Wnt signaling in luminal cells does not affect GFP⁺ luminal percentage in total luminal population. One-way ANOVA, ns p>0.1.

(d-e) FACS quantification of *K8-CreERT2;R26-mTmG; β -cat^{fl/fl}* and its control mammary tissues showing the percentages of luminal or basal cells in lin⁻ population (d), and the absolute numbers of different cell populations when totally 100k of cells were quantified (e). One-way ANOVA, ns p>0.1.

(f-g) FACS quantification of *K8-CreERT2;R26-mTmG;K14-Lef1 Δ^n* and its control mammary tissues showing the percentage of luminal or basal cells in lin⁻ population (f), and the absolute numbers of different cell populations when totally 100k of cells were quantified (g).

Data represent the mean \pm SD for n=3 mice.