

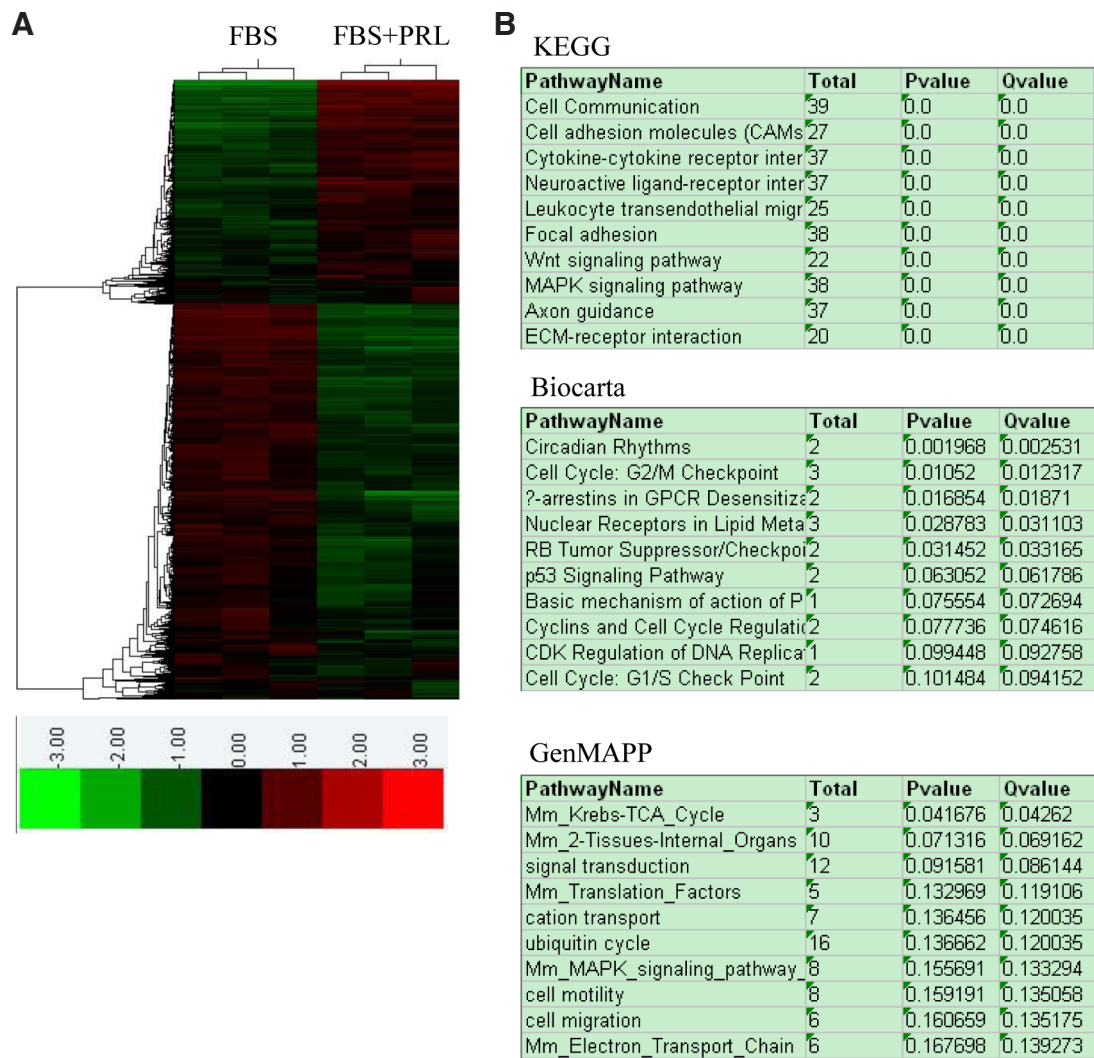
SUPPLEMENTARY MATERIAL

corresponding to:

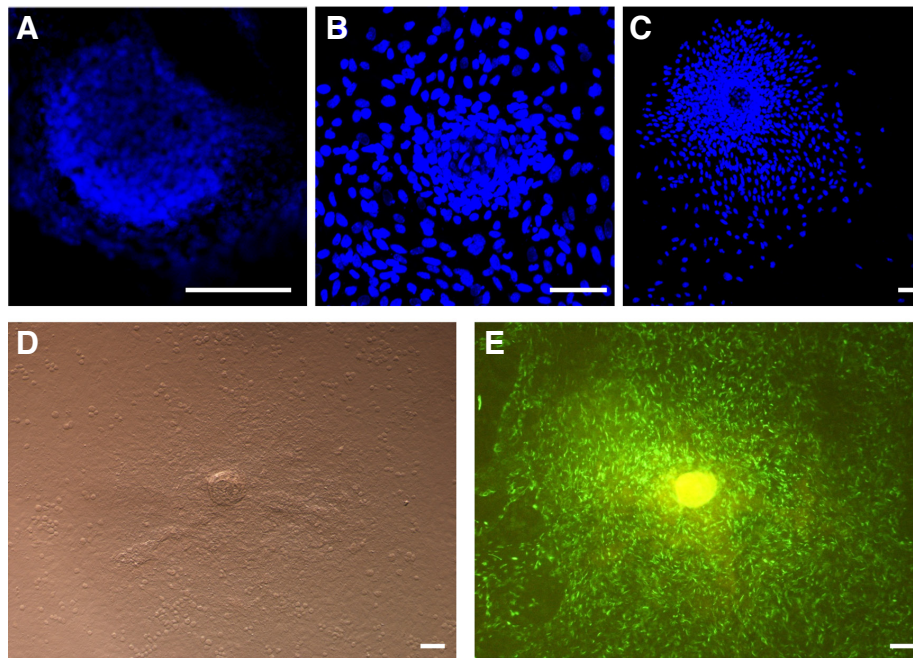
**Prolactin stimulation affects the stem cell-dependent
mammary repopulating ability of
embryonic mammary anlagen**

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Suppl. Fig. S1. Comparison of gene expression profiles between prolactin (PRL)-stimulated mammary anlagen and control samples. (A) Hierarchical clustering of mRNA profiles of PRL-stimulated mammary anlagen and control samples (cultured in normal FBS medium with no PRL stimulation). The data for each cell population were obtained from three independent experiments. **(B)** Pathway analysis was performed depending on different database. Ten most relative pathways from each database were shown.



Suppl. Fig. S2. The *in vitro* cell proliferation of mammary anlagen. (A) E14.5 mouse mammary anlagen were stained with DAPI. (B) 24-hours cultured E14.5 mouse mammary anlagen stained with DAPI. (C) 72-hours cultured E14.5 mouse mammary anlagen were stained with DAPI. (D) Visible light detection of the 10-days cultured E14.5 mouse mammary anlagen. (E) K14 expressions in 10-days cultured E14.5 mouse mammary anlagen were detected. Scale bar, 100 μm .