Supplementary Figure S1. Mammary gland morphogenesis and epithelial proliferation of Tg(NCOA1) mice. 

A. Whole mount staining of mammary glands prepared from female wild type (WT) and Tg(NCOA1) littermates. The lower panels are larger magnifications of the boxed areas in the upper panels. Mouse ages are indicated in weeks (w). The mammary ductal trees were similar between the two groups of mice. 

B. The growth indices of mammary glands (MG) were determined by the ratio of MG ductal length from the lymph node to the leading edge to the fat pad length. Data were obtained from 5 mice in each age and genotype group. 

C. Ki67 immunostaining. MG sections were prepared from WT and Tg(NCOA1) virgin mice with indicated ages. Ki67 immunostaining signal is brown in color. 

D. Percentage of Ki67-positive mammary epithelial cells. Data were obtained from 5 mice in each age and genotype group. There is no statistical difference between two groups at all ages. 

E. F4/80 immunostaining (brown) of macrophages in MG sections prepared from Tg( Neu) and Tg(NCOA1) Tg( Neu) mice with the indicated ages.