Supplementary Material

Effects of progesterone on the lipolysis of lipid droplets and prostaglandin E_2 synthesis in murine cervical epithelial cells

Hongyan Zhang^{A,*}, Feng Su^{A,*}, Libo Huang^{A,*}, Boyu Li^A, Xuejun Yuan^B, Mingjiu Luo^{A,C} and Lijiang Ge^{A,C}

^ACollege of Animal Science and Technology, No. 61 Daizong Street, Taian, Shandong Province, 271018, PR China.

^BCollege of Life Science, Shandong Agricultural University, No. 61 Daizong Street, Taian, Shandong Province, 271018, PR China.

^CCorresponding authors. Email: glj@sdau.edu.cn; luo9616@163.com

Fig. S1. Identification of mouse cervical epithelial cell with 100μl rabbit anti-cytokeratin 18 (CK18) antibody (1:100) and rabbit anti-PR antibody (1:100), cells were cultured *in vitro* overnight, 4°C

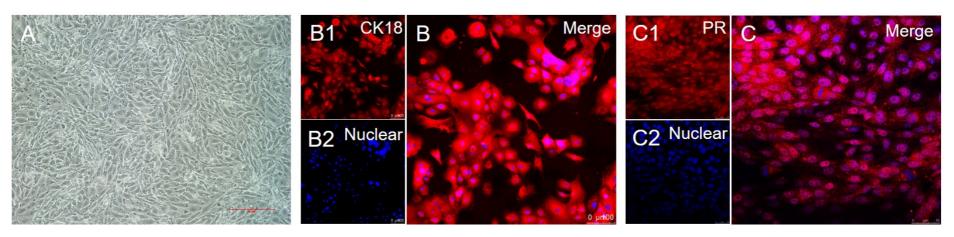
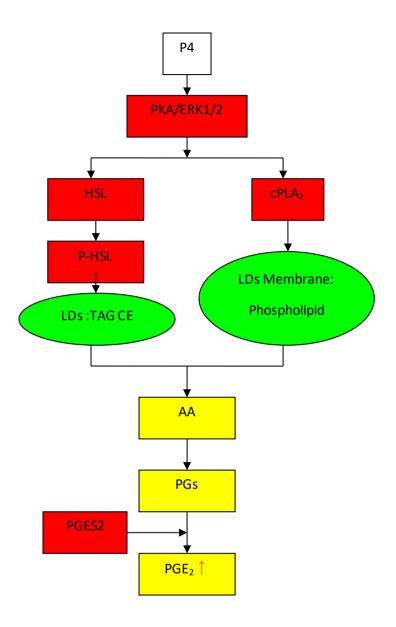


Fig. S1. Identification of mouse cervical epithelial cell with 100μl rabbit anti-cytokeratin 18 (CK18) antibody (1:100) and rabbit anti-PR antibody (1:100), cells were cultured *in vitro* overnight, 4°C.

A flow diagram of the pathway appears on next page.



Note: Flow dia gram: red: enzymes; yellow: products, green: substrates in LDs