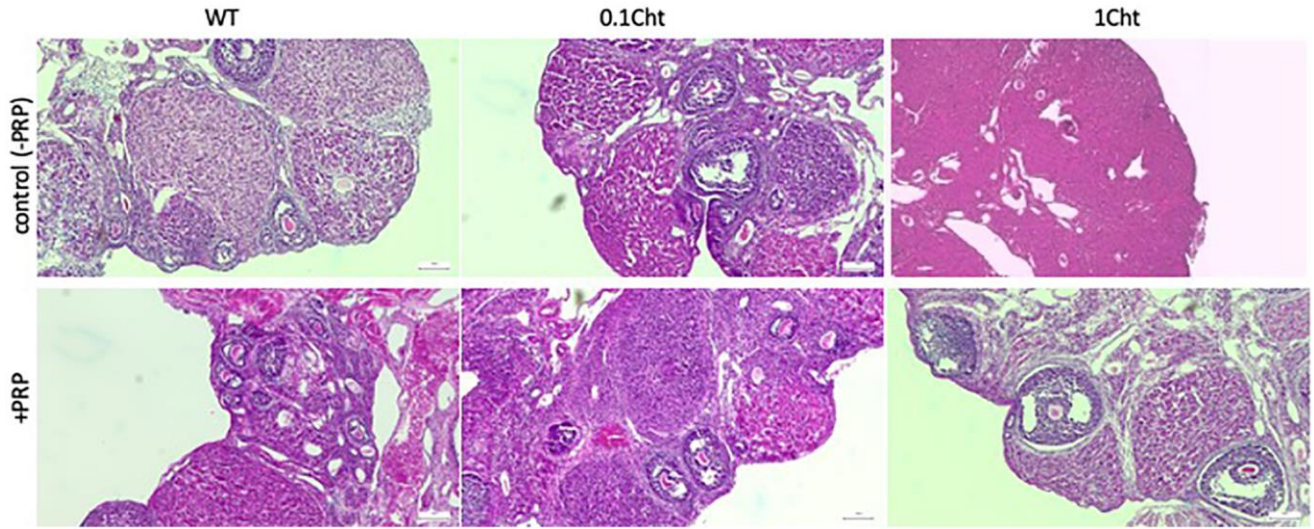
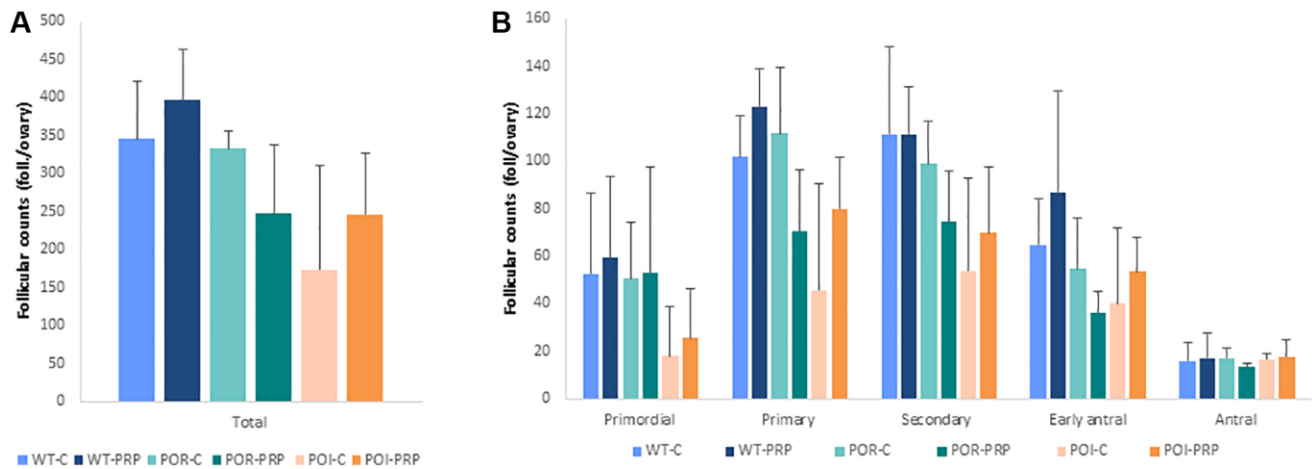


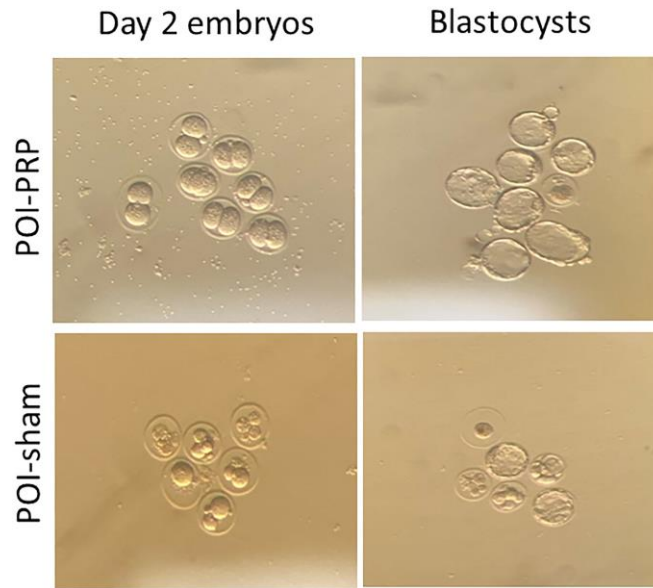
**SUPPLEMENTARY FIGURES**



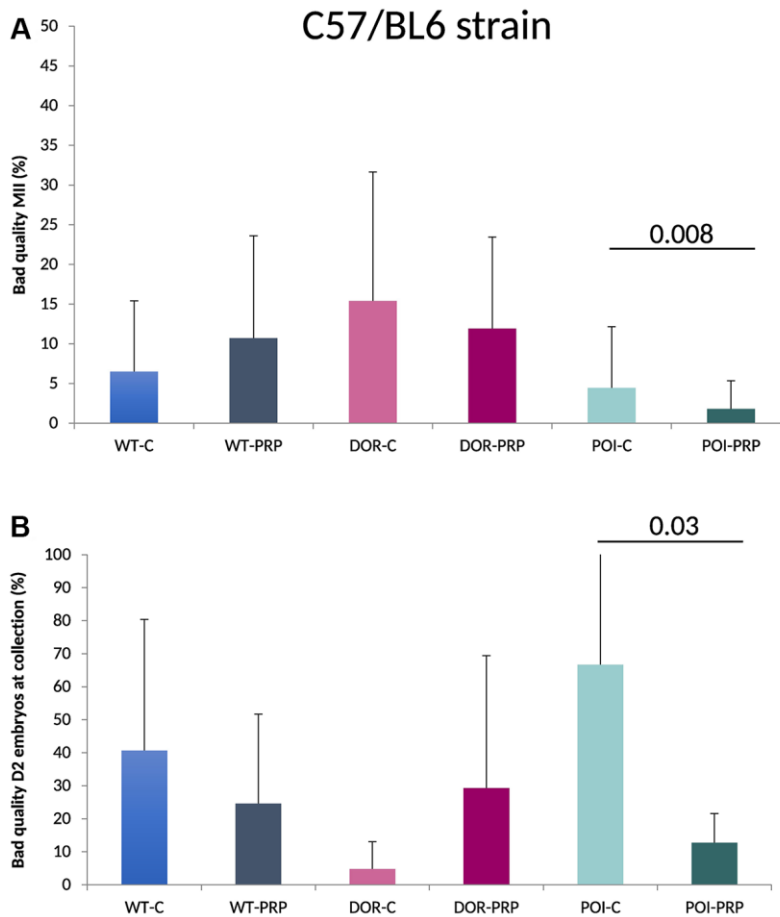
**Supplementary Figure 1. Histological assessment of ovarian stroma.** Hematoxylin-Eosin high magnification images of ovarian stroma and follicles from the wild type, 0.1Cht and 1Cht models.



**Supplementary Figure 2. Follicular counts in the CD1 model.** (A) Total follicle counts. (B) Follicle subpopulations. Data are presented as mean ± SD. Follicles per ovary; \* $p < 0.05$ .



Supplementary Figure 3. Images of Day 2 embryos and blastocyst obtained from the POI-PRP and the POI-sham groups in the CD1 model.



Supplementary Figure 4. Oocyte and embryo quality at collection in the C57/BL6 strain. (A) Percentage of bad quality MII oocytes at recovery. (B) Percentage of bad quality Day 2 embryos at collection.