



Supplementary information, Figure S6. *Rbpj^{ff}* and *Rbpj^{d/d}* mice have comparable levels of ovarian steroid hormones as well as uterine expression of their receptors. (A) Serum level of E₂ and P₄ at day 4 of pregnancy. (B) Immunohistochemistry of 3β-HSD and P450scc on day 4 ovaries. (C) The expression levels of P₄ regulated genes *Ihh*, *Areg* in *Rbpj^{ff}* and *Rbpj^{d/d}* uteri at day 4 of pregnancy. Values are normalized by GAPDH expression level and indicated as mean±SEM. *N* =3. (D) Immunohistochemistry of ERα and PR on day 4 uteri of *Rbpj^{ff}* and *Rbpj^{d/d}* mice. Note the structural changes in uterine lumen in *Rbpj^{d/d}* mice.