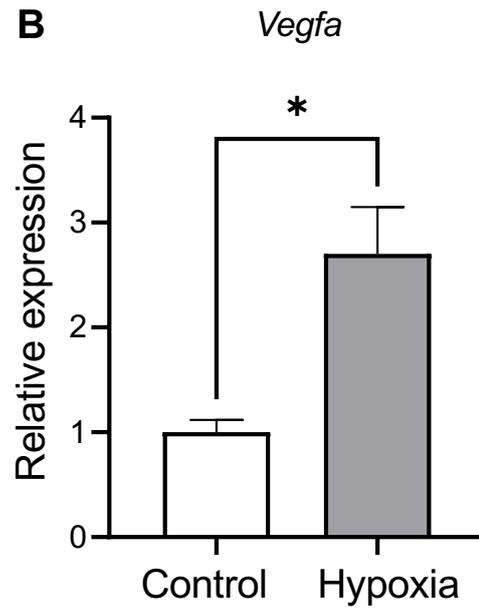
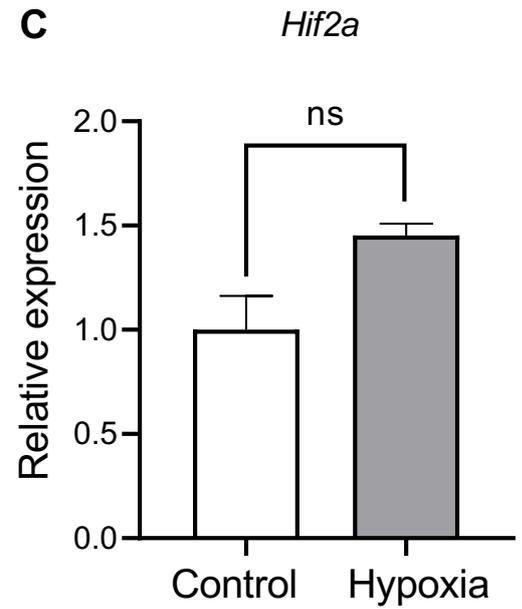
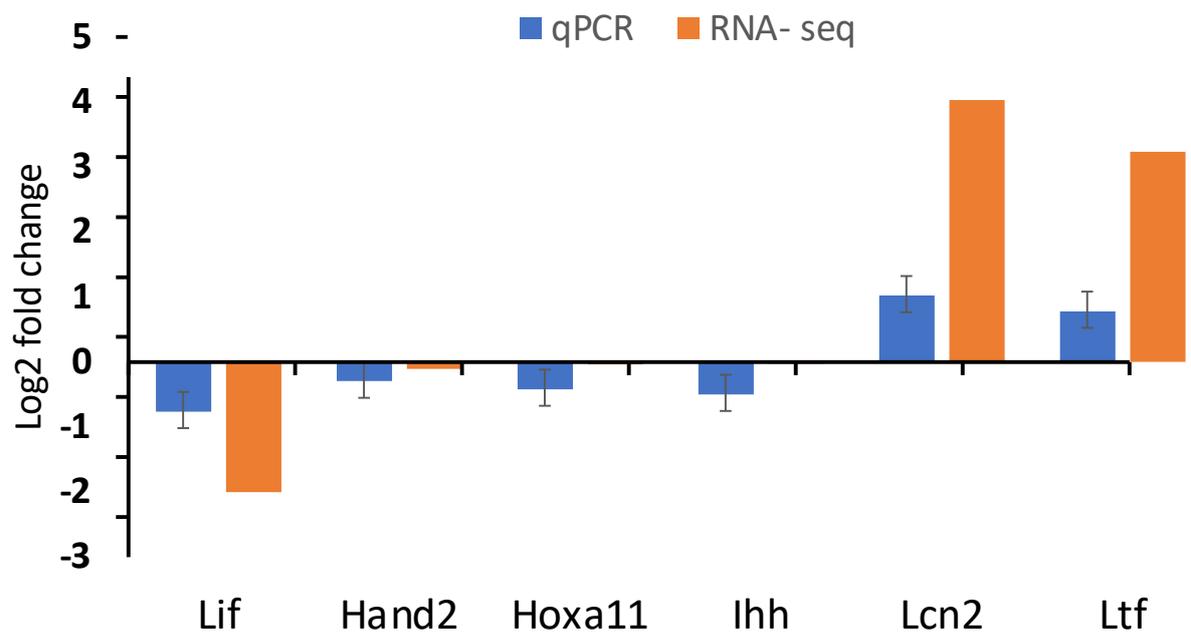
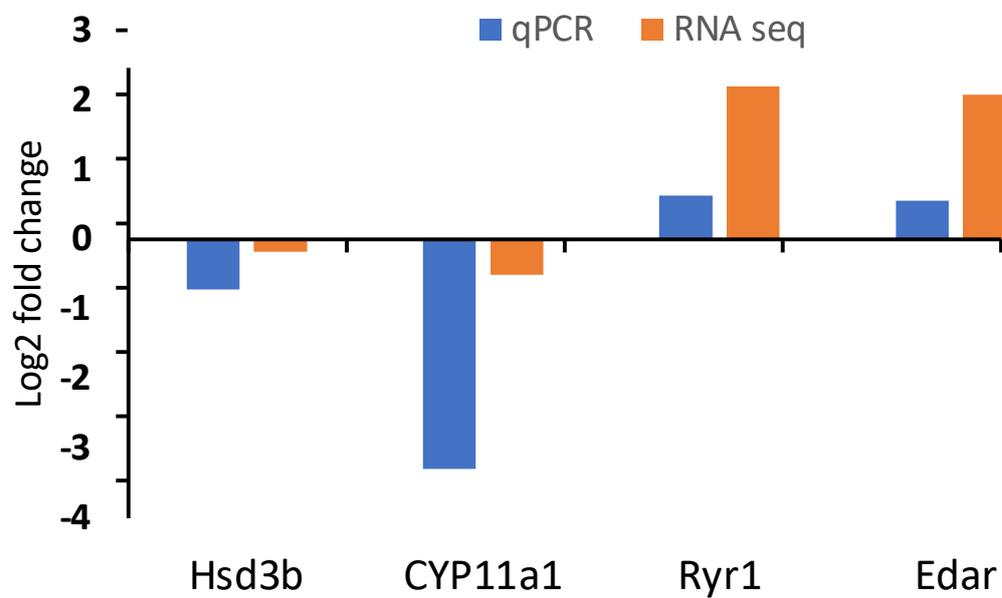


**A****B****C**

**Figure S1:** (A) Arrangements of the chamber and the pump. (B) *Vegfa* and (C) *Hif-2 $\alpha$*  transcript levels in control and hypoxic groups of mouse uterus at GD1.5. \*  $p < 0.05$ , ns: not significant.

**A****B**

**Figure S2: Validation of RNA-seq data by quantitative PCR (qPCR). (A) Uterus, (B) Ovary.**