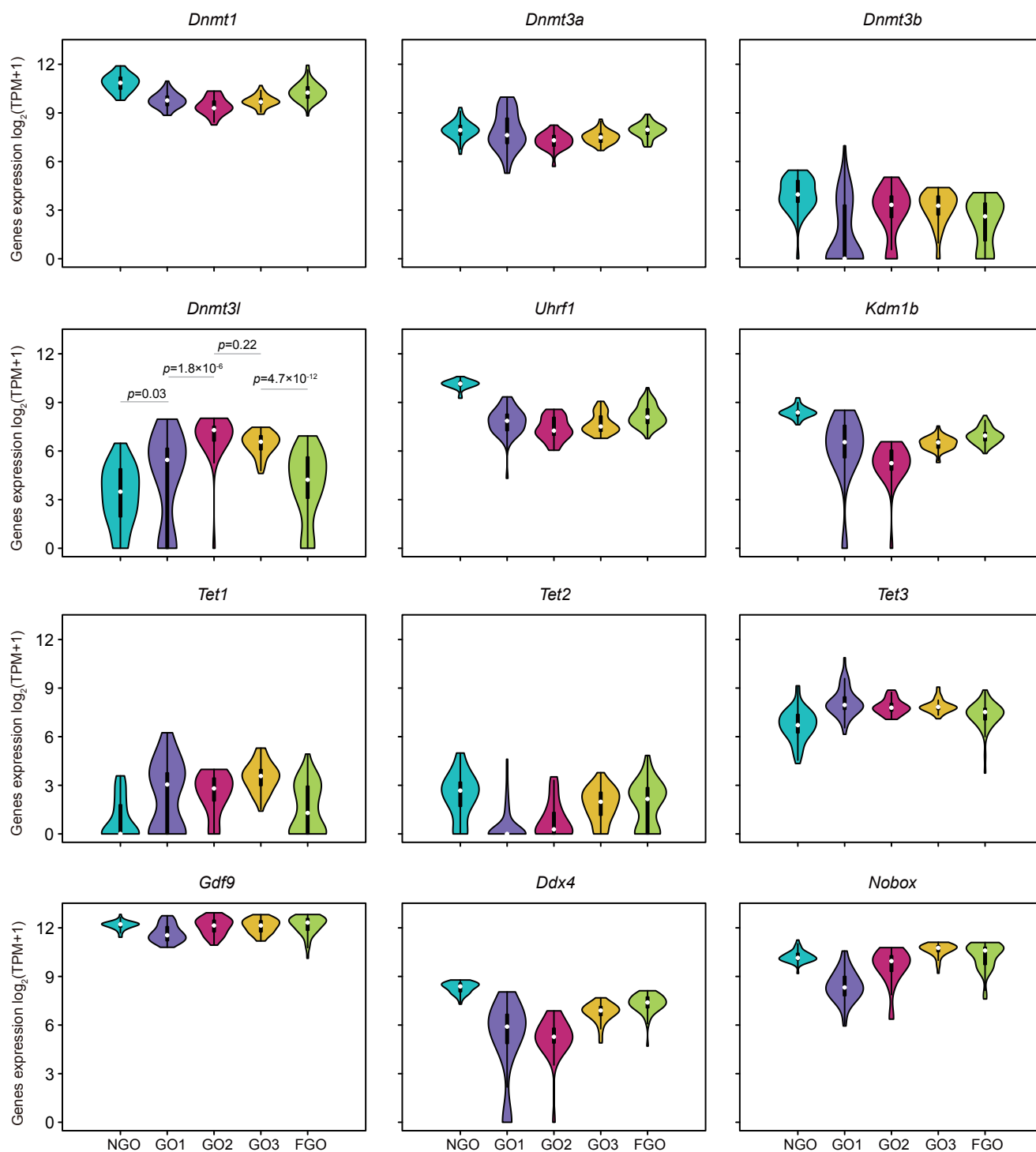
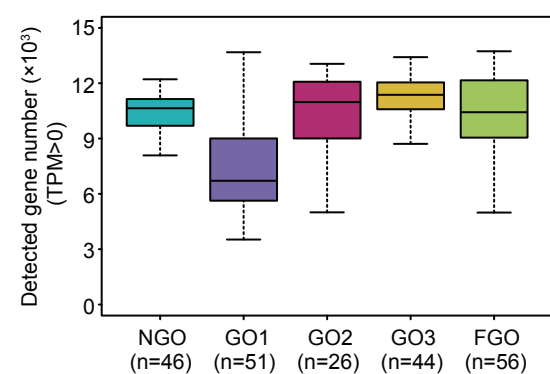
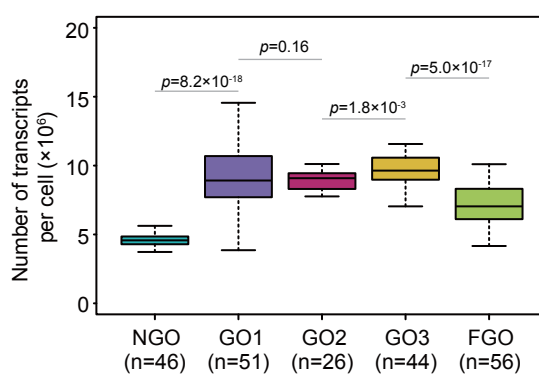


a**b****c**

Supplementary information, Fig. S3 Data quality of single-cell RNA-seq of growing mouse oocytes. **(a)** Representative gene expression in mouse oocytes. *Dnmt1*, *Dnmt3* and *Uhrfl* are genes related to DNA methylation. *Kdm1b* encodes a histone H3K4 demethylase required for *de novo* DNA methylation in mouse oocytes. The *Tet* family encodes a DNA dioxygenase responsible for the oxidation of 5mCs in the genome. **(b)** The number of genes detected by single-cell RNA-seq. **(c)** The relative abundance of mRNAs in single mouse oocytes calculated based on ERCC *spike-ins*. P-values were defined by the two-tailed Student's *t*-test.