**Supplementary Figure 7** *Stra8*-deficient oocyte-like cells contain significantly less DNA than wild-type oocytes at GV stage.

Integrated DAPI intensity (in arbitrary units) of GV-stage wild-type oocytes and *Stra8*-deficient oocyte-like cells. Error bars represent standard error of the mean (SEM). *p < 0.001 (Wilcoxon test). Note: DAPI intensity depends in part on the degree of chromatin condensation and, therefore, may not track linearly with DNA content when cells whose chromatin condensation differs are compared.