

Figure S4

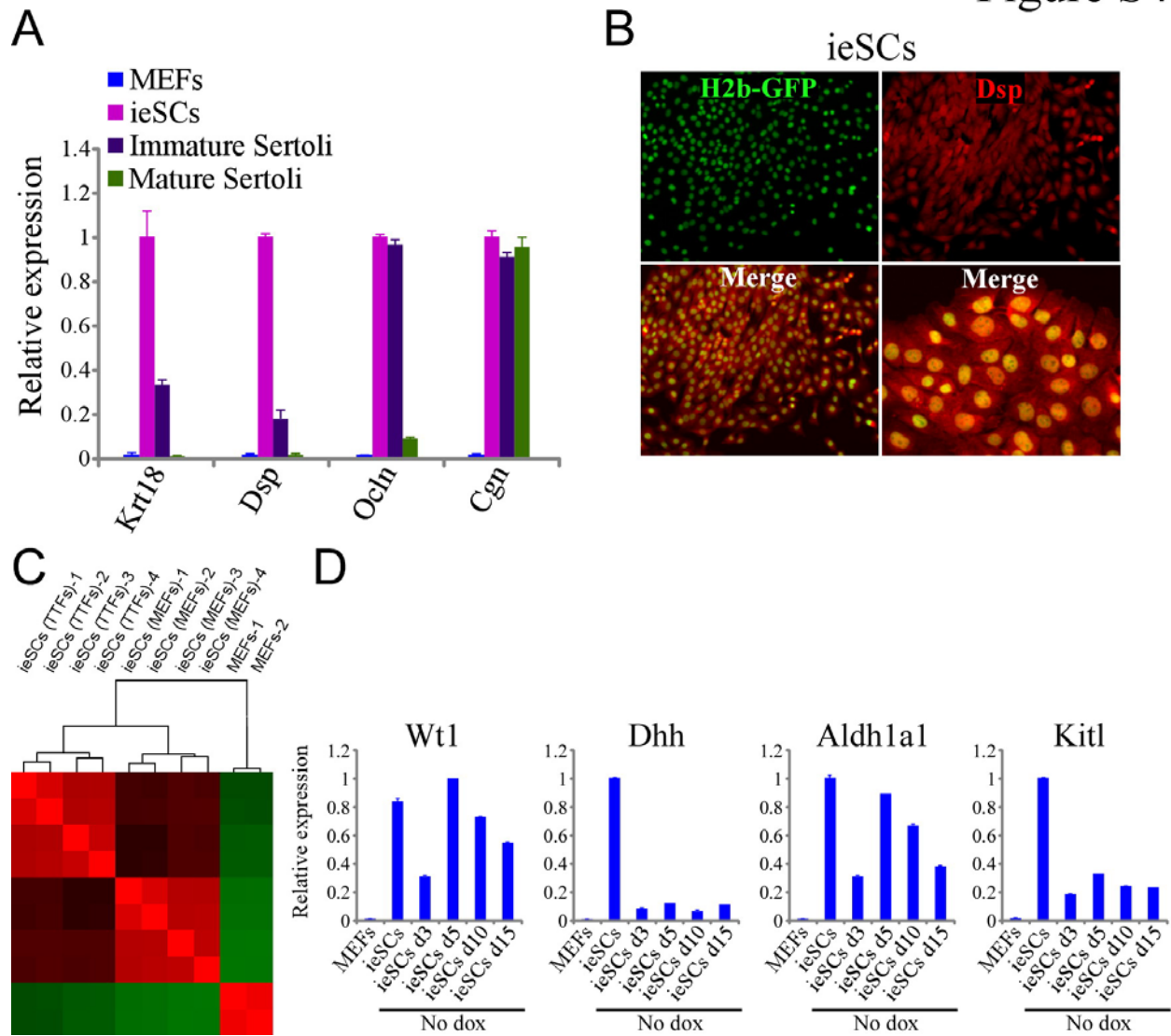


Figure S4. ieSCs upregulate epithelial markers and express several embryonic Sertoli cell markers in the absence of dox. (A) qRT-PCR of the indicated genes normalized to the *Hprt* housekeeping gene in MEFs, ieSCs, immature and mature Sertoli cells. (B) Immunostaining of Dsp (red) in ieSCs carrying the H2b-GFP construct. (C) Hierarchical clustering of gene expression array profiles as measured by mouse SurePrint G3 Gene Expression Microarrays-8x60K (Agilent). Complete linkage hierarchical clustering analysis was performed using Pearson's correlation metric. The dendrogram includes individual samples from MEFs, ieSCs (MEFs) and ieSCs (TTFs female) that were cultured for 2 weeks in the absence of dox

(D) qRT-PCR of the indicated genes normalized to the *Hprt* housekeeping gene in MEFs, ieSCs and ieSCs cultured for 3, 5, 10 or 15 days without dox. Error bars represent standard deviation of technical duplicates of the same experiment. Related to main Figure 3 and 4.