Fig. S2

**Oocyte competence to resume meiosis.** Oocytes were recovered after 20 days of in vitro follicle culture, and were imaged under an inverted microscope immediately or following 24 hours of in vitro oocyte maturation (IVM). Oocytes without IVM including (A) unstained oocyte and (B) oocyte stained with Hoechst showing an intact germinal vesicle (GV). (C) An oocyte after IVM, having matured to the metaphase II stage (MII). Panels B and C show microscopic images under ultra-violet illumination.