

Figure S6 Meiotic defects in *Ythdc2*-deficient meiocytes. **(A)** SYCP3 (red) and γH2AX (green) were detected in the chromosome spreads of 15.0 d.p.p. *Ythdc2*+/+ and *Ythdc2*-/- spermatocytes. Scale bar, 10 μm. **(B)** *Ythdc2*+/+ and *Ythdc2*-/- oocyte chromosome spreads at 15.5 d.p.c. stained for SYCP3 (green) and γH2AX (red). Scale bar, 10 μm. **(C)** *Ythdc2*+/+ and *Ythdc2*-/- oocyte chromosome spreads at 2.0 d.p.p. stained for SYCP3 (green) and SYCP1 (red). Scale bar, 10 μm.