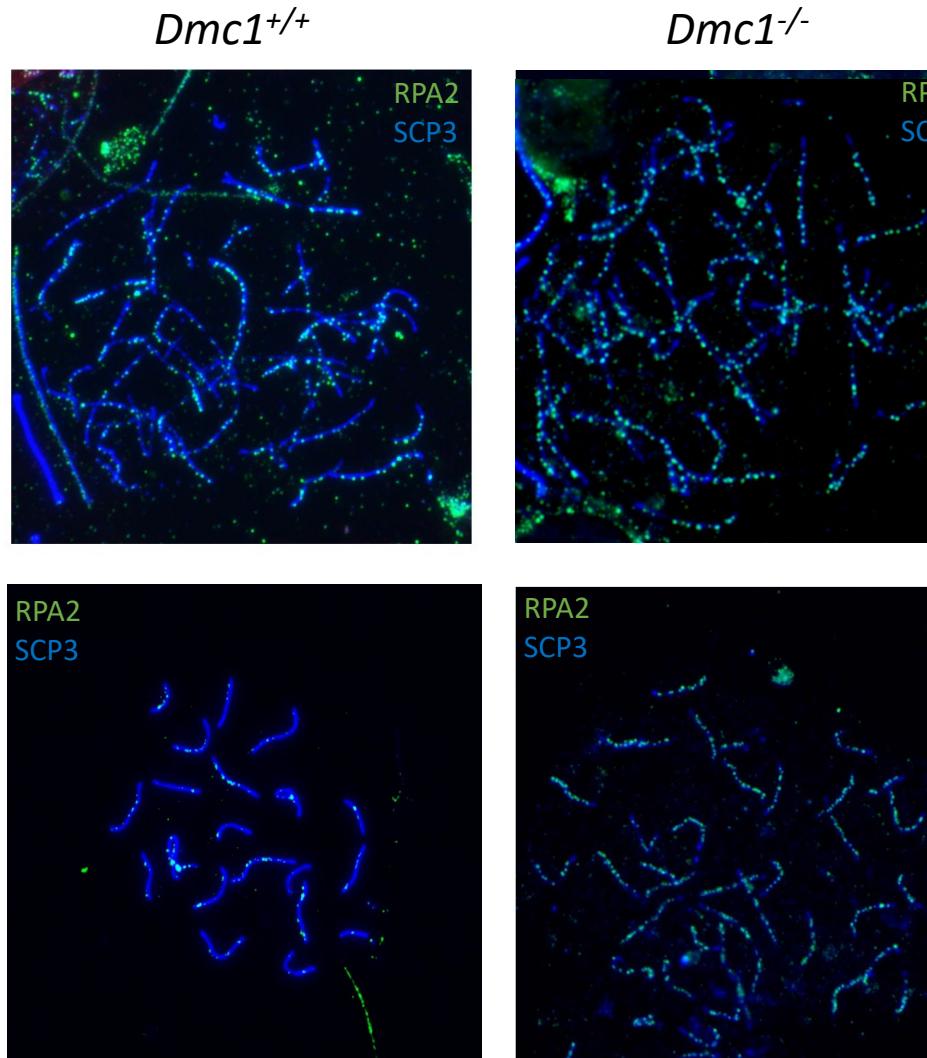
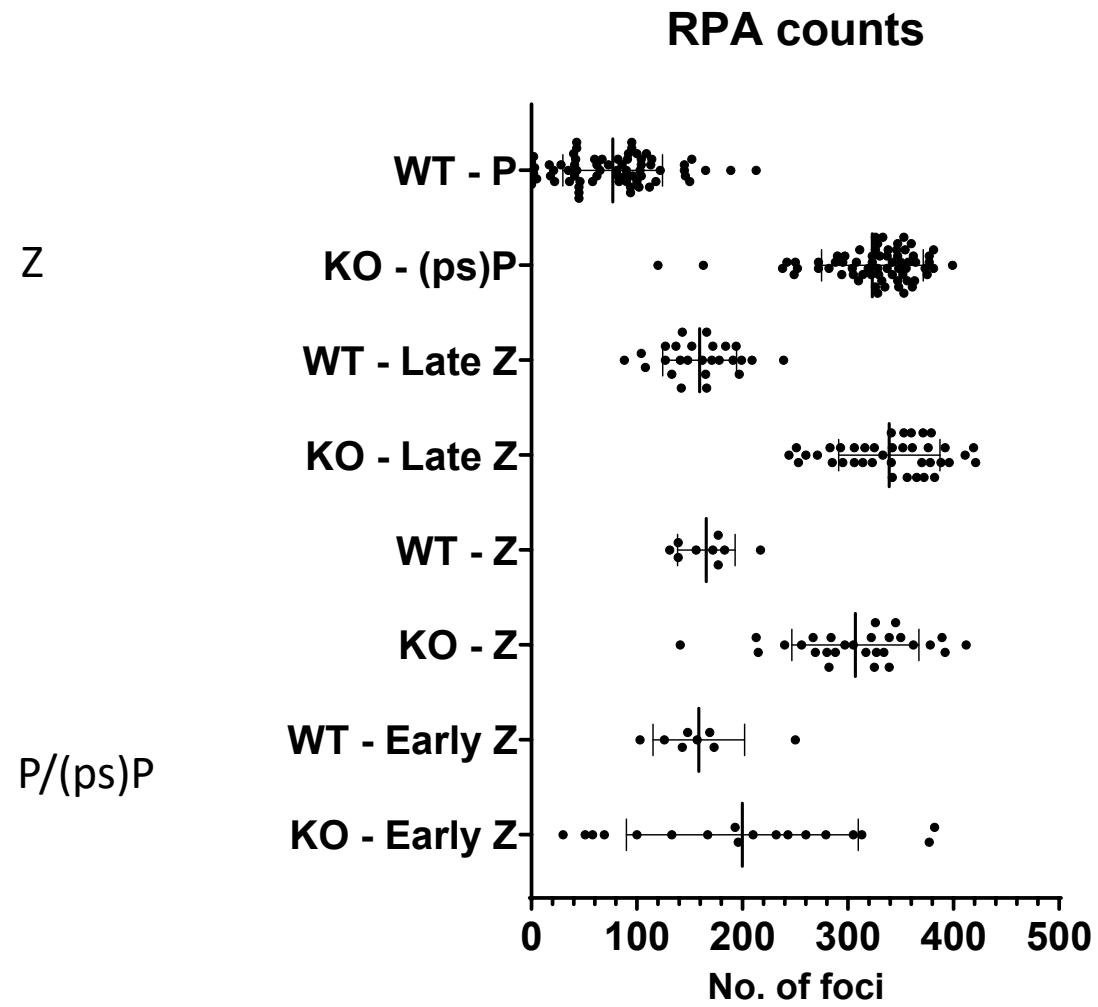


A**B**

Supplementary Figure S2. RPA2 localization and foci counts in *Dmc1* Knockout hybrid founders. (A) Representative immunofluorescence staining of RPA2 (green) in testis nuclear spreads from founder mice, one with DMC1 present (*Dmc1*^{+/+}) and ablated (*Dmc1*^{-/-}) with co-staining of the synaptonemal complex protein SYCP3 which labels the chromosome axis (blue) in zygotene (Z) (top panels) and pachytene(P)/pseudopachytene ((ps)P) (middle panels). (B) RPA2 foci counts in *Dmc1*^{+/+} (WT) and *Dmc1*^{-/-} (KO) zygotene (early, mid and late) and pachytene/psuedopachytene.