

Supplementary information, Figure S6

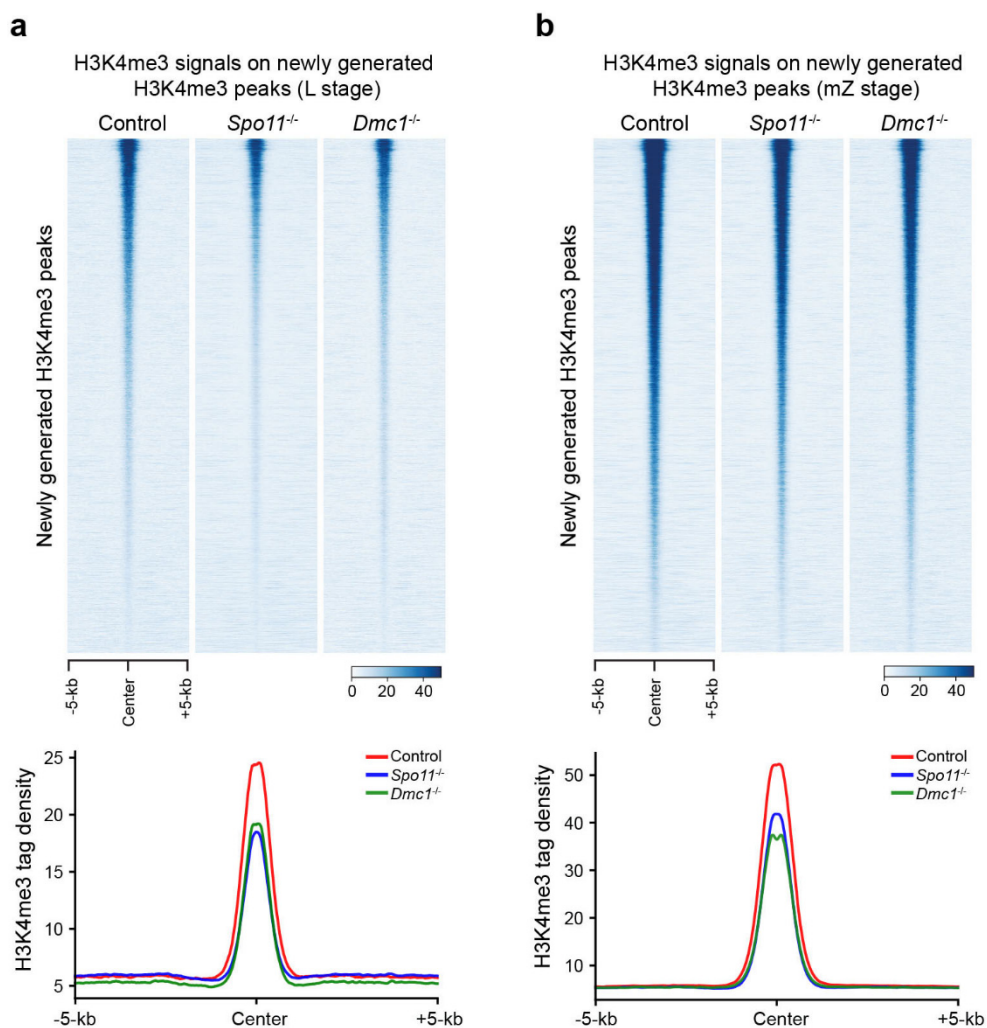


Fig. S6 H3K4me3 peaks are present at the sites of DSB hotspots in *Spo11* KO and *Dmc1* KO spermatocytes. a, b Heatmaps (top) and profiles (bottom) of normalized H3K4me3 ChIP-seq tag density on the newly generated H3K4me3 peaks in control, *Spo11*^{-/-} and *Dmc1*^{-/-} leptotene (a) and mid-zygotene (b) spermatocytes. Each row in heatmap represents a DSB hotspot of ± 5 kb around the center and ranked by the H3K4me3 tag density from highest to lowest. H3K4me3 tag density was calculated using H3K4me3 reads with 50-bp resolution.