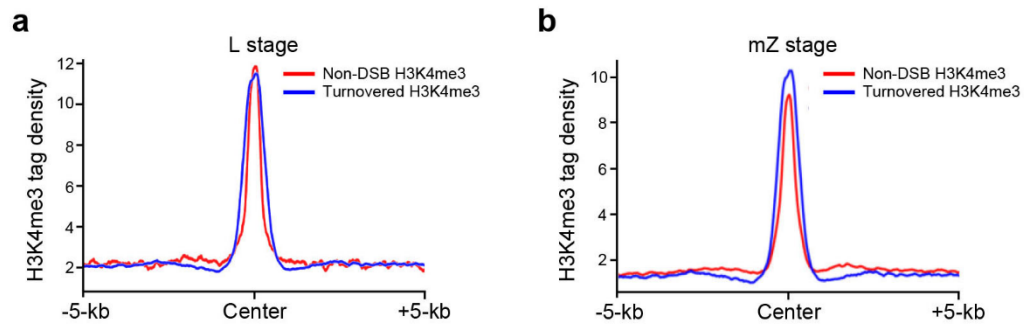


## Supplementary information, Figure S15



**Fig. S15** The strength of non-hotspot PRDM9-mediated H3K4me3 in both leptotene and zygotene is similar to that of fast- and slow-turnover H3K4me3. **a, b** Profile of the average H3K4me3 tag density on non-hotspot H3K4me3 (non-DSB H3K4me3) peaks and fast- and slow-turnover H3K4me3 (turnovered H3K4me3) peaks in leptotene stage (**a**) and mid-zygotene stage (**b**). H3K4me3 tag density was calculated using H3K4me3 read coverage with 50-bp resolution.