



DNE QHQ

OH

Aça Tça Aça

AVQ ANQ AVQ AVQ QNK QDQ

Tт

C

## D

Primary 12-bp motif enriched in SPO11-oligo hotspots

Secondary 15-bp motif enriched in SPO11-oligo hotspots

15-bp motif enriched in new SPO11-oligo hotspots in Atm null 1

Brick et al., 2012: 15-bp motif enriched in SSDS hotspots in 9R strain, which shares *Prdm9* allele with B6

Brick et al., 2012: Predicted binding motif for the  $\text{PRDM9}^{\text{\tiny 9R}}$  zinc finger binding domain

Baker et al., 2014: 11-bp motif enriched in PRDM9  $^{\mbox{\tiny B6}}$  dependent H3K4me3 peaks

Baker et al., 2015: 36-bp motif enriched in PRDM9<sup>B6</sup>-dependent H3K4me3 peaks on *Mus musculus castaneus* ("CAST") chromosomes in  $F_1$  mice from B6×CAST cross

Davies et al., 2016: 30-bp motif enriched in SSDS hotspots in B6 strain





