

Table S4. Genotype of *Prdm9* in 10 generations of backcrosses used for preparation of chrosomal substitution strains.

Line	BC-1	BC-2	BC-3	BC-4	BC-5	BC-6	BC-7	BC-8	BC-9	BC-10
B6.PWD-Chr1	BP	BB	BB	BB	BB	BB	BB	BB	BB	BB
B6.PWD-Chr2	BP	BP	NA	NA	BB	BB	BB	BB	BB	BB
B6.PWD-Chr3	BP	BB	BB	BB	BB	BB	BB	BB	BB	BB
B6.PWD-Chr4	BP	BP	NA	BB	BB	BB	BB	BB	BB	BB
B6.PWD-Chr5	BP	BP	BB	BB	BB	BB	BB	BB	BB	BB
B6.PWD-Chr6	BP	BB	BB	BB	BB	BB	BB	BB	BB	BB
B6.PWD-Chr17	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP
B6.PWD-Chr18	BP	BB	BB	BB	BB	BB	BB	BB	BB	BB
B6.PWD-Chr19	BP	BP	NA	NA	BB	BB	BB	BB	BB	BB