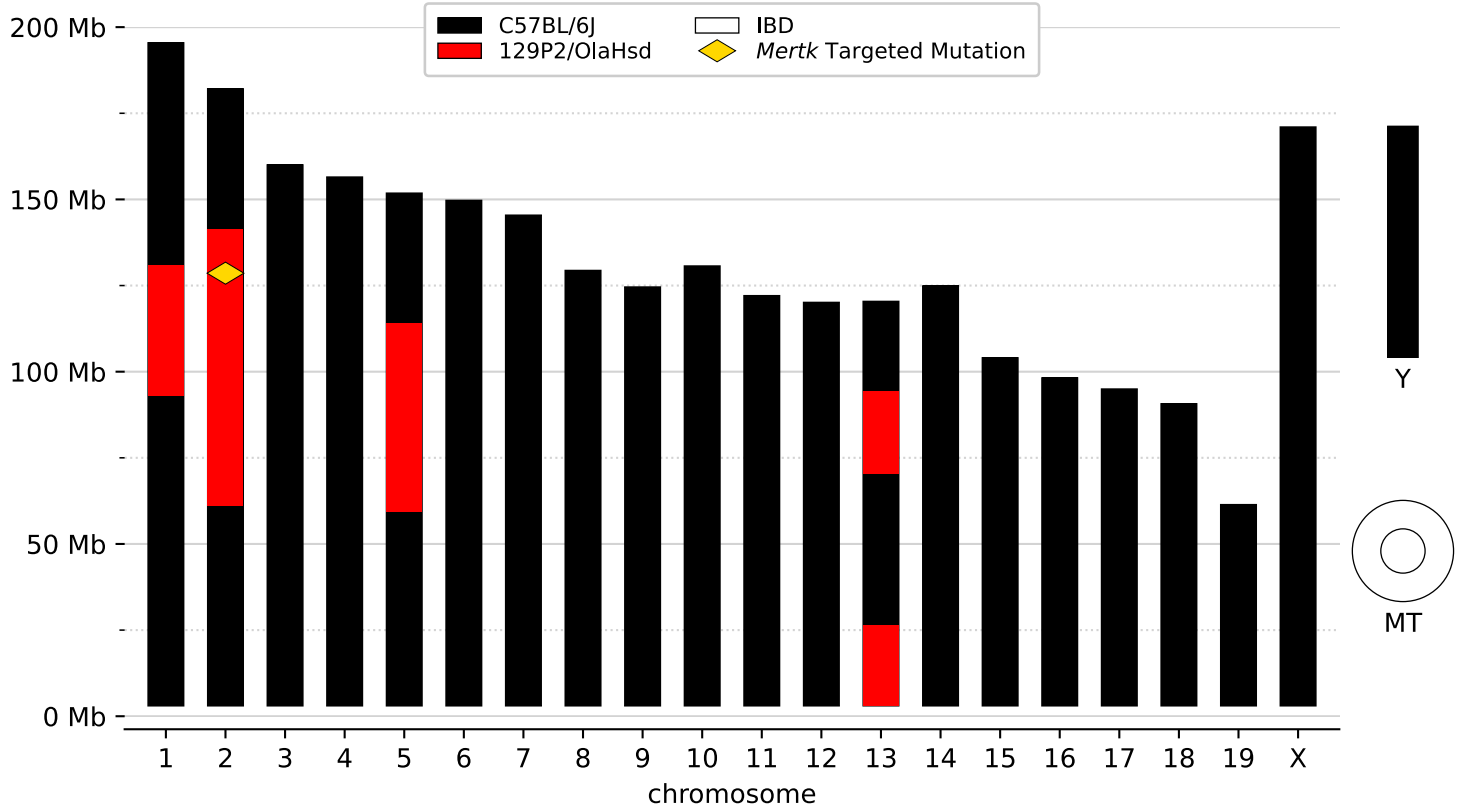


Summary: Incipient congenic strain carrying the *tm1Gkm* allele of the *Mertk* gene on C57BL/6J background. The allele of interest present on chromosome 2 is on the donor background (129P2/OlaHsd). The donor background is also present on chromosomes 1, 5, and 13. 129P2/OlaHsd and C57BL/6J were detected with diagnostic alleles. The genome of this strain is fully replicable. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2026.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
C57BL/6J	Homozygous	91.4%	N/A
129P2/OlaHsd	Homozygous	8.6%	N/A
Total		100.0%	0

Substrain Detected	MW6656	LZ0916
C57BL/6J	present	present
129P2/OlaHsd	present	present

Constructs Detected
None