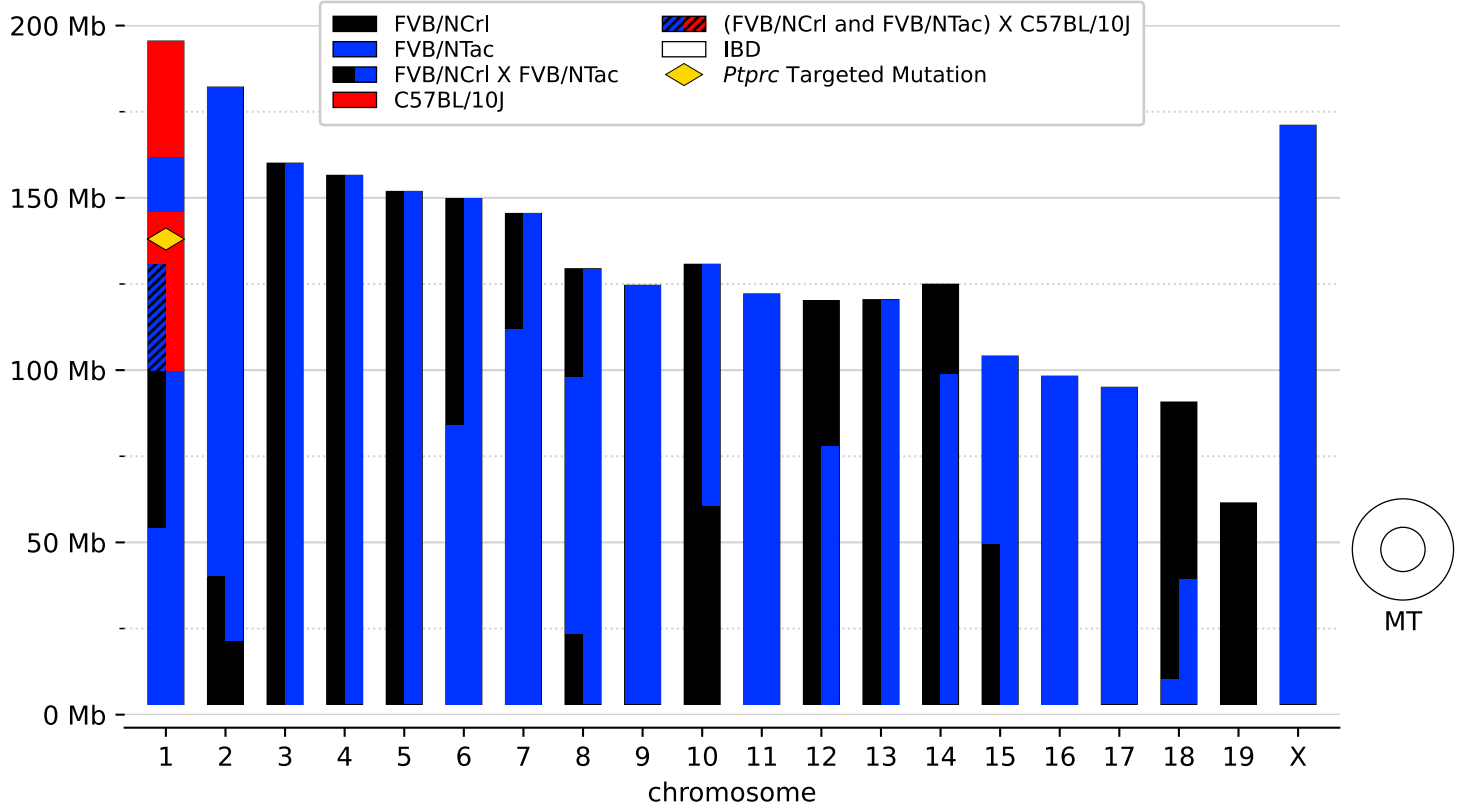


Summary: Incipient congenic strain carrying the b allele of the *Ptprc* gene on mixed FVB/N background. The allele of interest present on chromosome 1 is on the donor background (C57BLK/a). C57BLK/a is not an available reference and C57BL/10J is the closest reference strain available. FVB/NCrl and FVB/NTac were detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 1.2% of the genome is segregating for the donor background and at least 43.0% of the genome is segregating for the substrains of the primary background. No male was genotyped; thus, the genetic background of the Y chromosome is unknown. This GQC report is based on the MiniMUGA G3 2024 pipeline using 1 sample genotyped in 2026.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
FVB/NCrl and FVB/NTac	N/A	96.9%	N/A
FVB/NCrl	Homozygous	9.9%	N/A
FVB/NTac	Homozygous	44.0%	N/A
FVB/NCrl X FVB/NTac	Heterozygous	43.0%	4,700
C57BL/10J	Homozygous	1.9%	N/A
(mixed FVB/N) X C57BL/10J	Heterozygous	1.2%	21,300
Total		100.0%	26,100

Substrain Detected	BQ2534	Constructs Detected
FVB/NTac	present	None
FVB/NCrl	present	