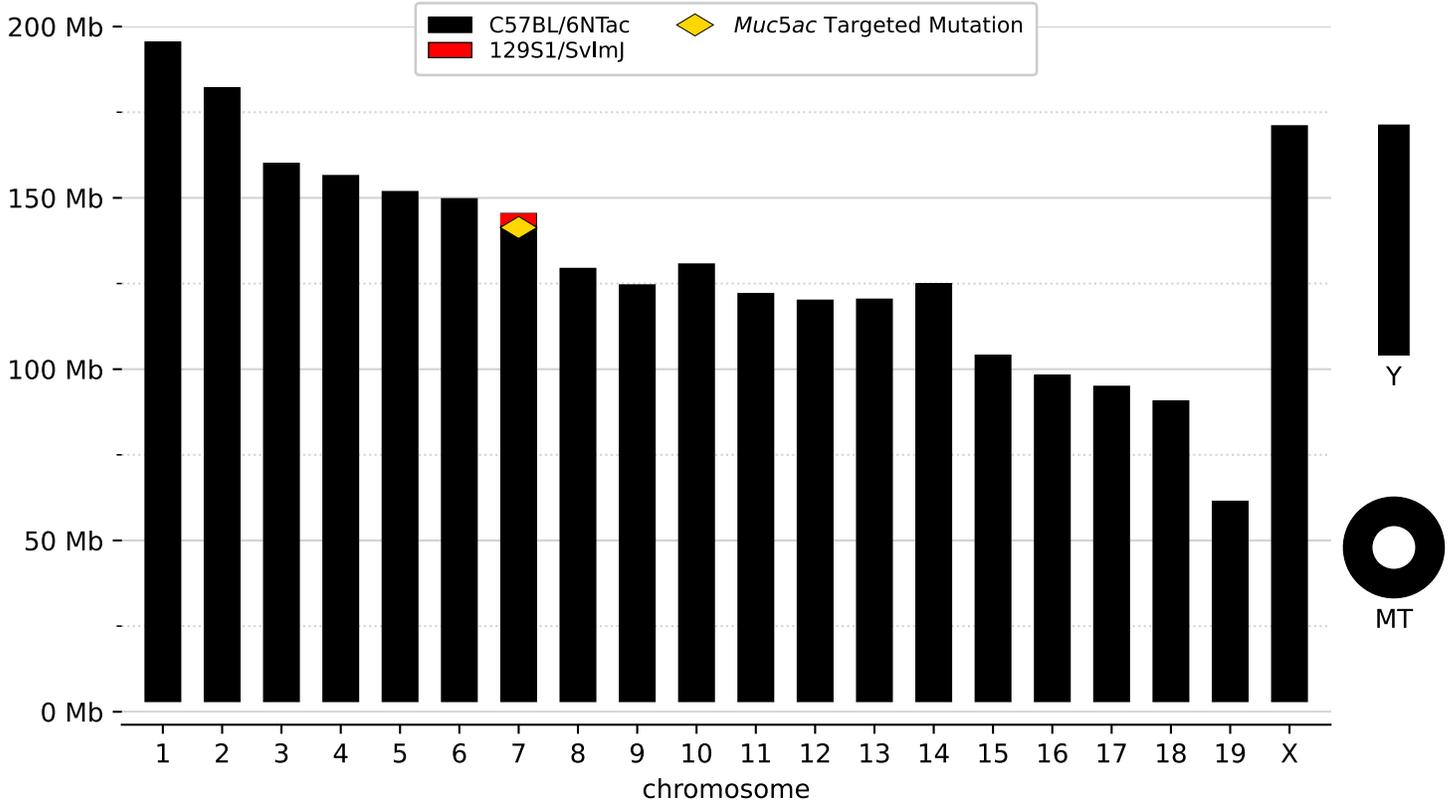


Summary: Congenic strain carrying the *tm1.1Evns* allele of the *Muc5ac* gene on C57BL/6NTac background. The allele of interest present on chromosome 7 is on the donor background (129S1/SvImJ). C57BL/6NTac was detected with diagnostic alleles. The genome of this strain is fully replicable. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2024.



Genetic Background	Zygoty	Genome %	Estimated # Segregating SNPs
C57BL/6NTac	Homozygous	99.9%	N/A
129S1/SvImJ	Homozygous	0.1%	N/A
Total		100.0%	0

Substrain Detected	RF6530	BR2017	Constructs Detected
C57BL/6NTac	present	present	None