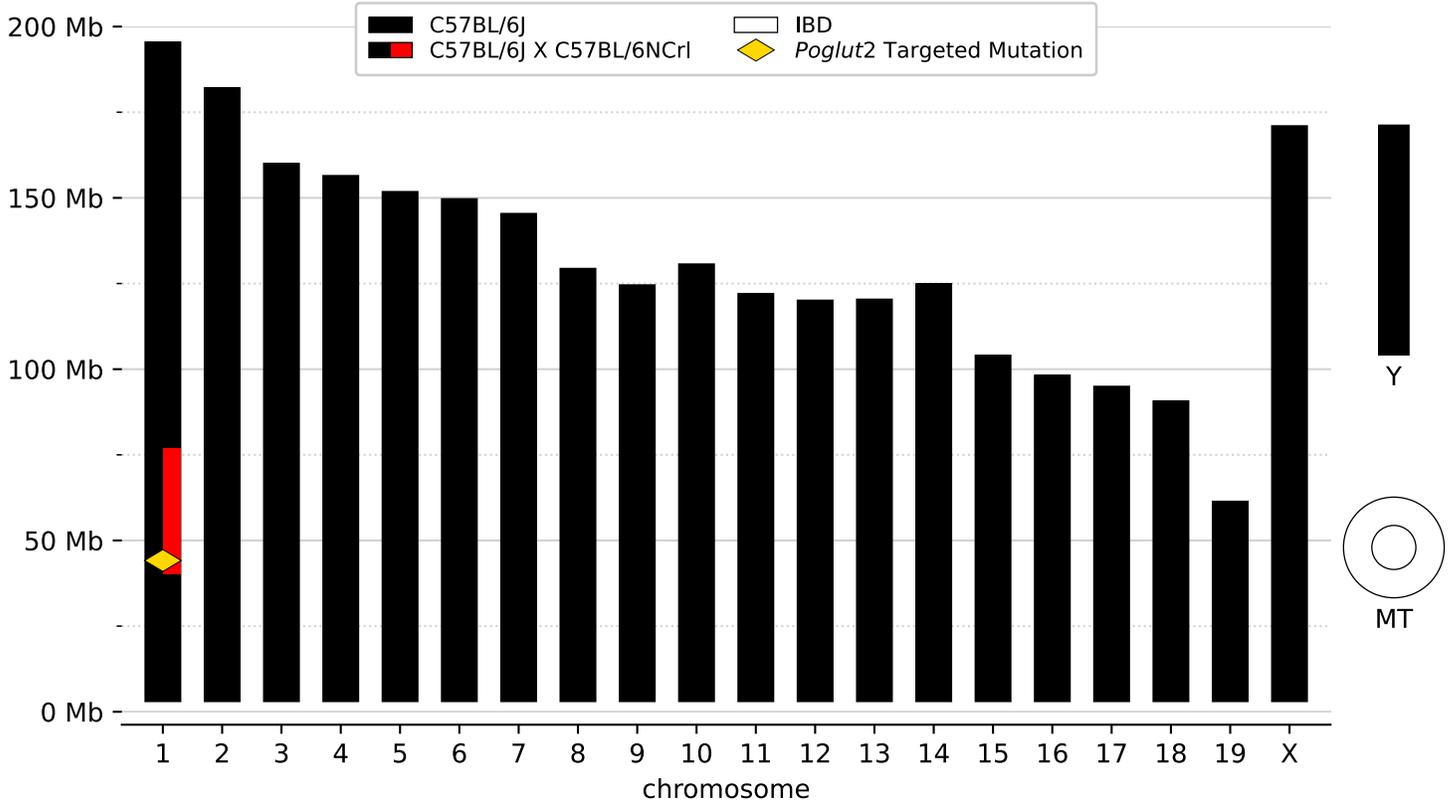


Summary: Congenic strain carrying the *tm2d(EUCOMM)Hmgu/* allele of the *Poglut2* gene on C57BL/6J background. The allele of interest present on chromosome 1 is on the donor background (C57BL/6NCrI). C57BL/6J and C57BL/6NCrI were detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 1.4% of the genome is segregating for the donor background. 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/6J	Homozygous	98.6%	N/A
C57BL/6J X C57BL/6NCrI	Heterozygous	1.4%	100
<b>Total</b>		<b>100.0%</b>	<b>100</b>

Substrain Detected	YT0096	MF3960	Constructs Detected
C57BL/6J	present	present	
C57BL/6NCrI	absent	present	
			None