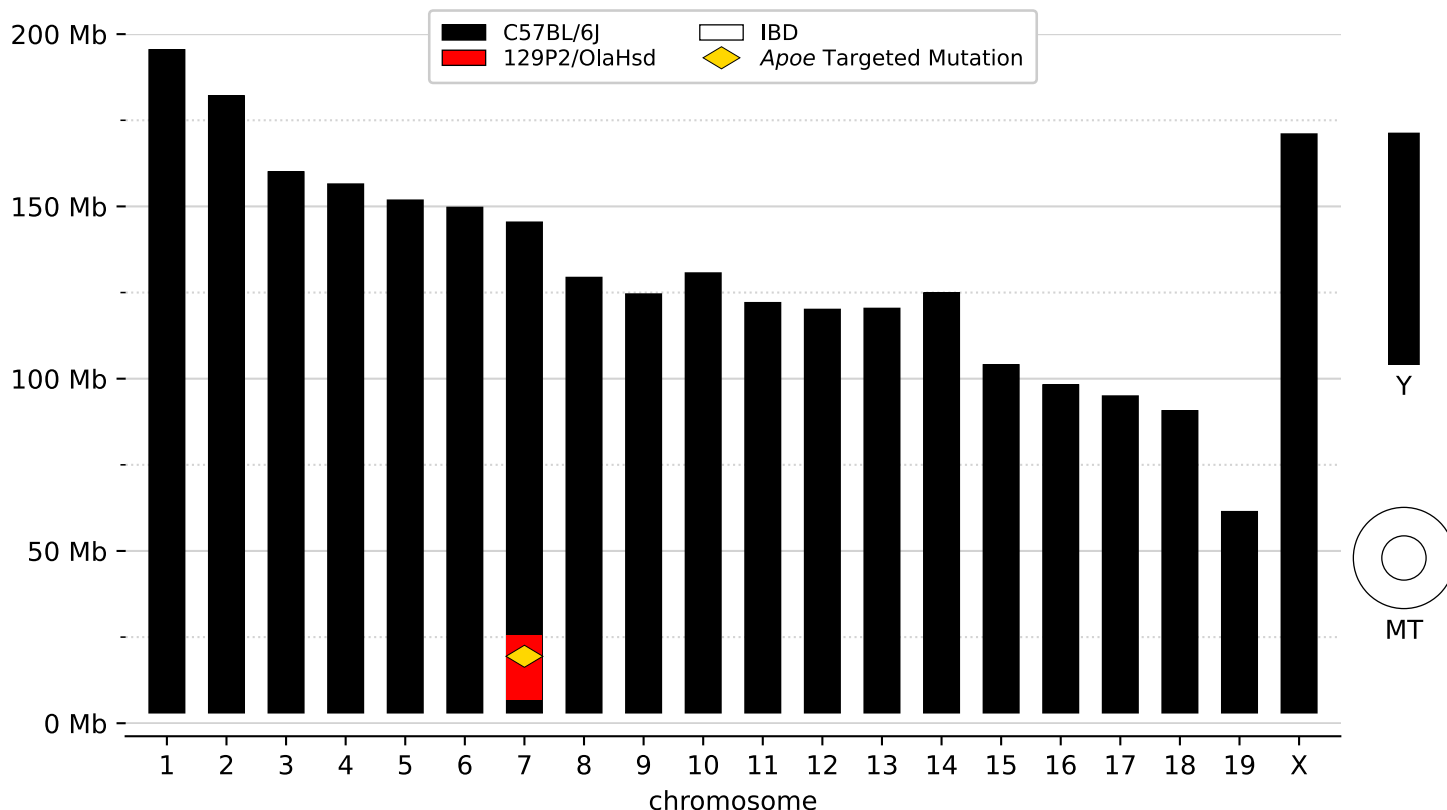


Summary: Congenic strain carrying the *tm2(APOE*3)Mae* allele of the *Apoe* gene on C57BL/6J background. The allele of interest present on chromosome 7 is on the donor background (129P2/OlaHsd). C57BL/6J was detected with diagnostic alleles. The genome of this strain is fully replicable. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2024.



Genetic Background		Zygosity	Genome %	Estimated # Segregating SNPs
C57BL/6J		Homozygous	99.3%	N/A
129P2/OlaHsd		Homozygous	0.7%	N/A
Total			100.0%	0

Substrain Detected	# present in YF4223	# present in IQ1325	Total SNPs Annotated
C57BL/6J	160	158	168

Constructs Detected
None