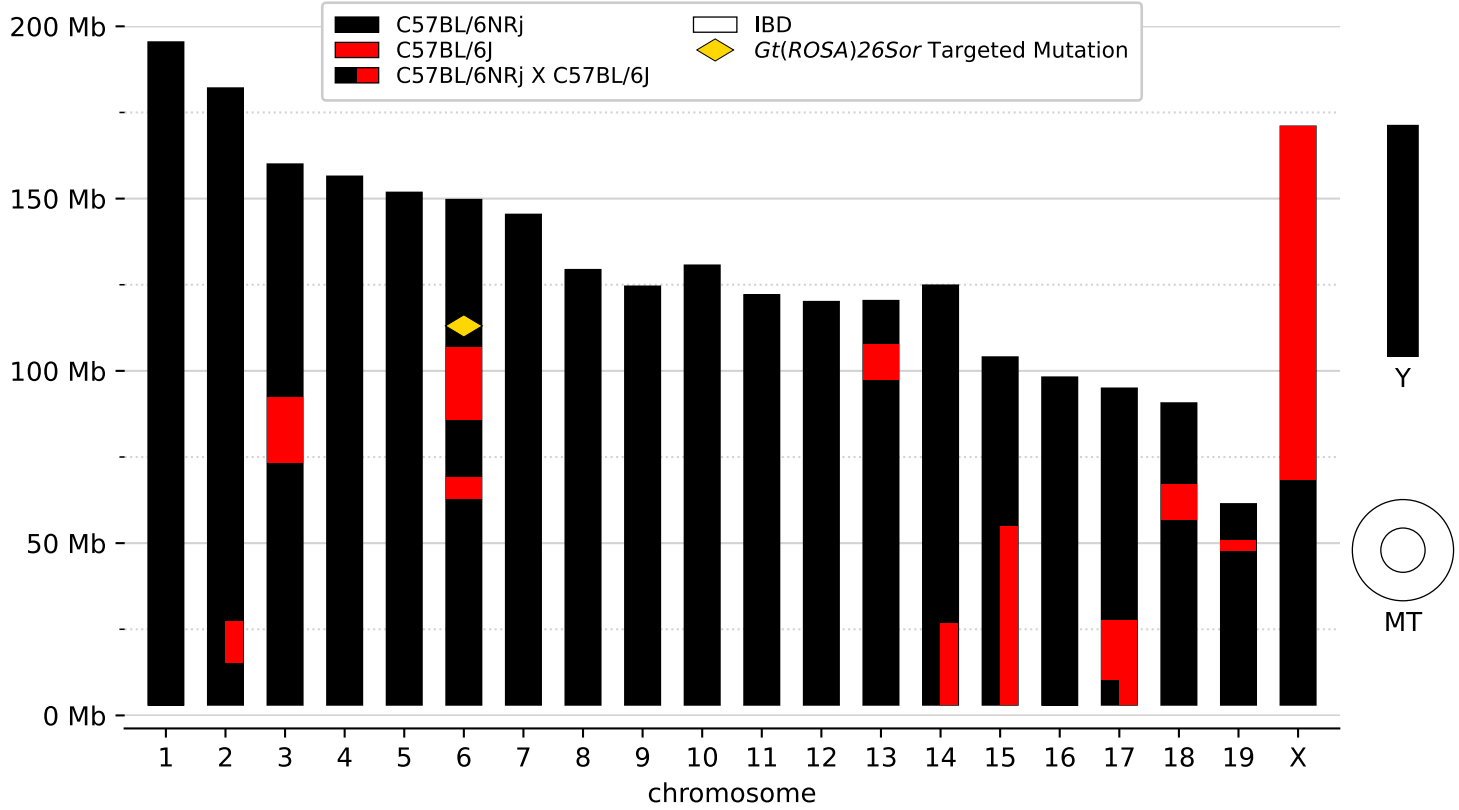


Summary: Incipient congenic strain carrying the tm1(CAG-IL37)OsjyZ allele at the ROSA26 gene on mixed C57BL/6 background. The allele of interest present on chromosome 6 is on the donor background (C57BL/6N). The donor background is also present in other chromosomes. C57BL/6J and C57BL/6NRj were detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 3.7% of the genome is segregating for the donor background. This GQC report is based on the MiniMUGA G3 2024 pipeline using 1 sample genotyped in 2020.



Genetic Background	Zygoty	Genome %	Estimated # Segregating SNPs
C57BL/6NRj	Homozygous	86.4%	N/A
C57BL/6NRj	Hemizygous	2.5%	N/A
C57BL/6J	Homozygous	3.4%	N/A
C57BL/6J	Hemizygous	4.0%	N/A
C57BL/6NRj X C57BL/6J	Heterozygous	3.7%	400
Total		100.0%	400

Substrain Detected	CZ5116
C57BL/6NRj	present
C57BL/6J	present

Constructs Detected
bpA, hCMV_a, hCMV_b