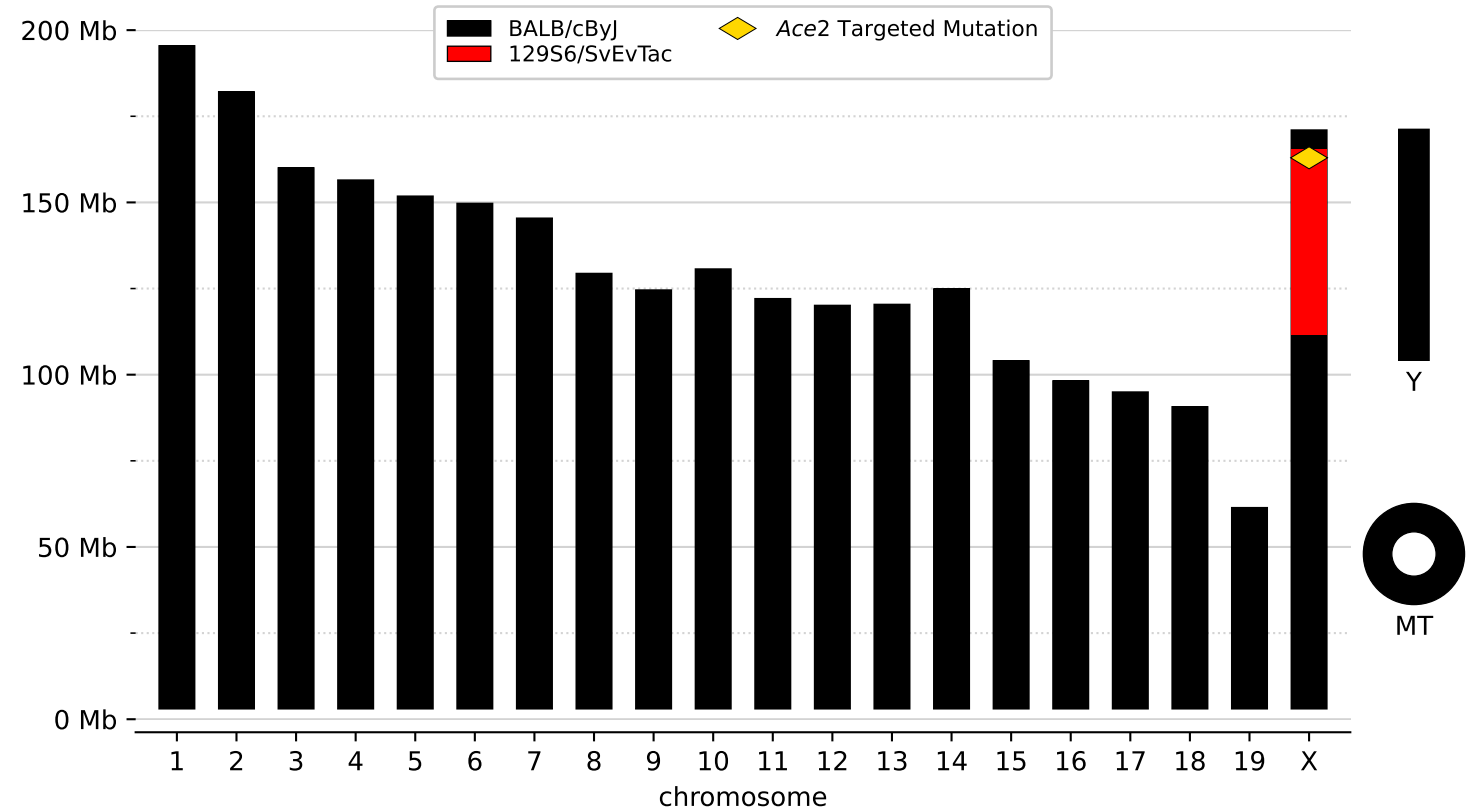


Summary: Congenic strain carrying the *tm1(ACE2)Bhk* allele of the *Ace2* gene on BALB/cByJ background. The allele of interest present on chromosome X is on the donor background (129S6/SvEvTac). 129P2/OlaHsd, 129S6/SvEvTac, BALB/cByJ, and BALB/cByJRj were detected with diagnostic alleles. The genome 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
BALB/cByJ	Homozygous	97.9%	N/A
129S6/SvEvTac	Homozygous	2.1%	N/A
Total		100.0%	0

Substrain Detected	# present in CS8081	# present in YC5979	Total SNPs Annotated
BALB/cByJ or BALB/cByJRj	101	101	103
BALB/cByJ	2	4	7
129P2/OlaHsd	1	1	27
129S6/SvEvTac	1	1	7
BALB/cByJRj	1	1	19

Constructs Detected
None