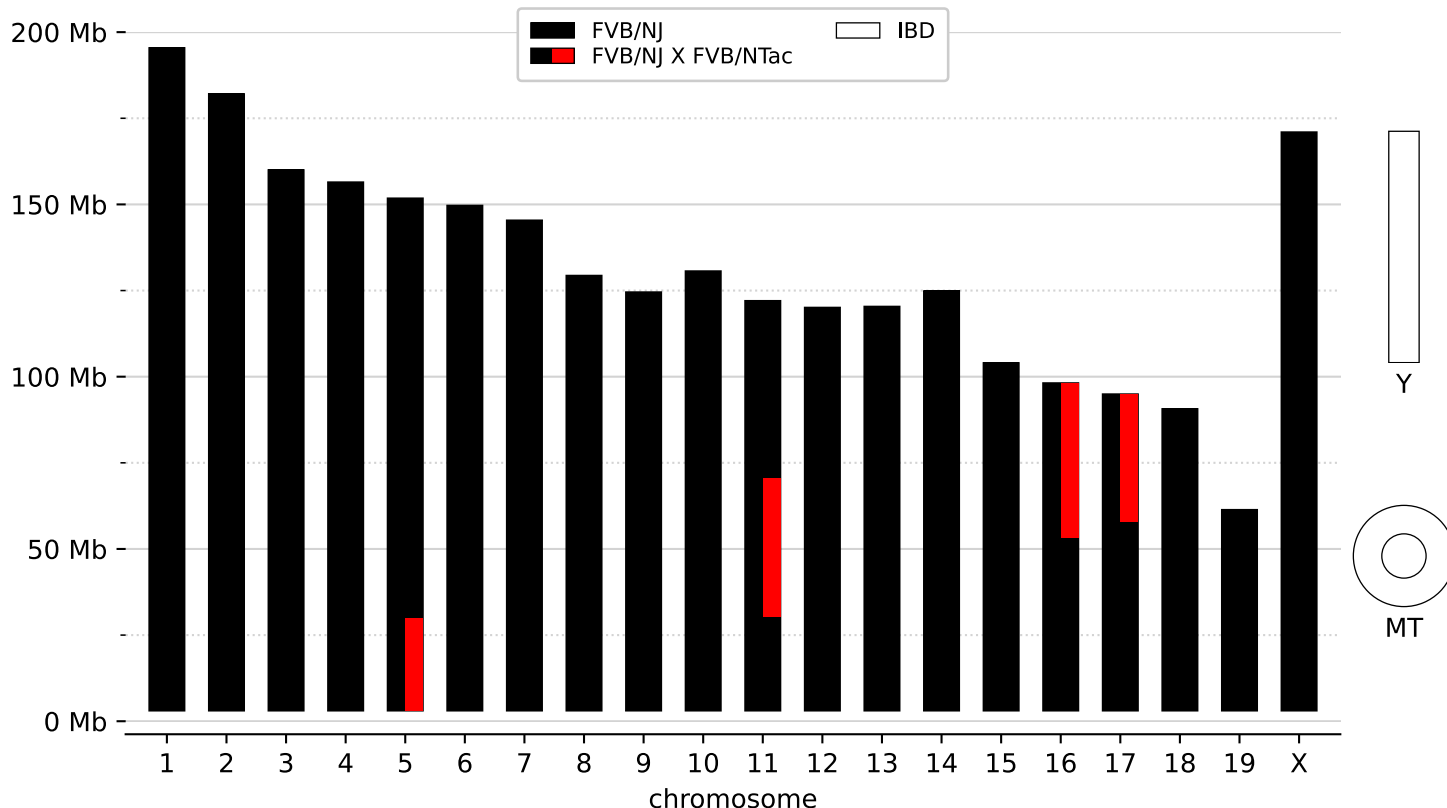


Summary: Incipient congenic strain carrying a transgene of the *Myh6* gene on FVB/NJ background. The donor background is also present in other chromosomes. FVB/NJ and FVB/NTac were detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 5.8% of the genome is segregating for the donor background. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2024.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
FVB/NJ	Homozygous	94.2%	N/A
FVB/NJ X FVB/NTac	Heterozygous	5.8%	600
<b>Total</b>		<b>100.0%</b>	<b>600</b>

Substrain Detected	# present in WA9181	# present in HG8287	Total SNPs Annotated
FVB/NJ	77	77	79
FVB/NTac	1	2	36

Constructs Detected
tTA