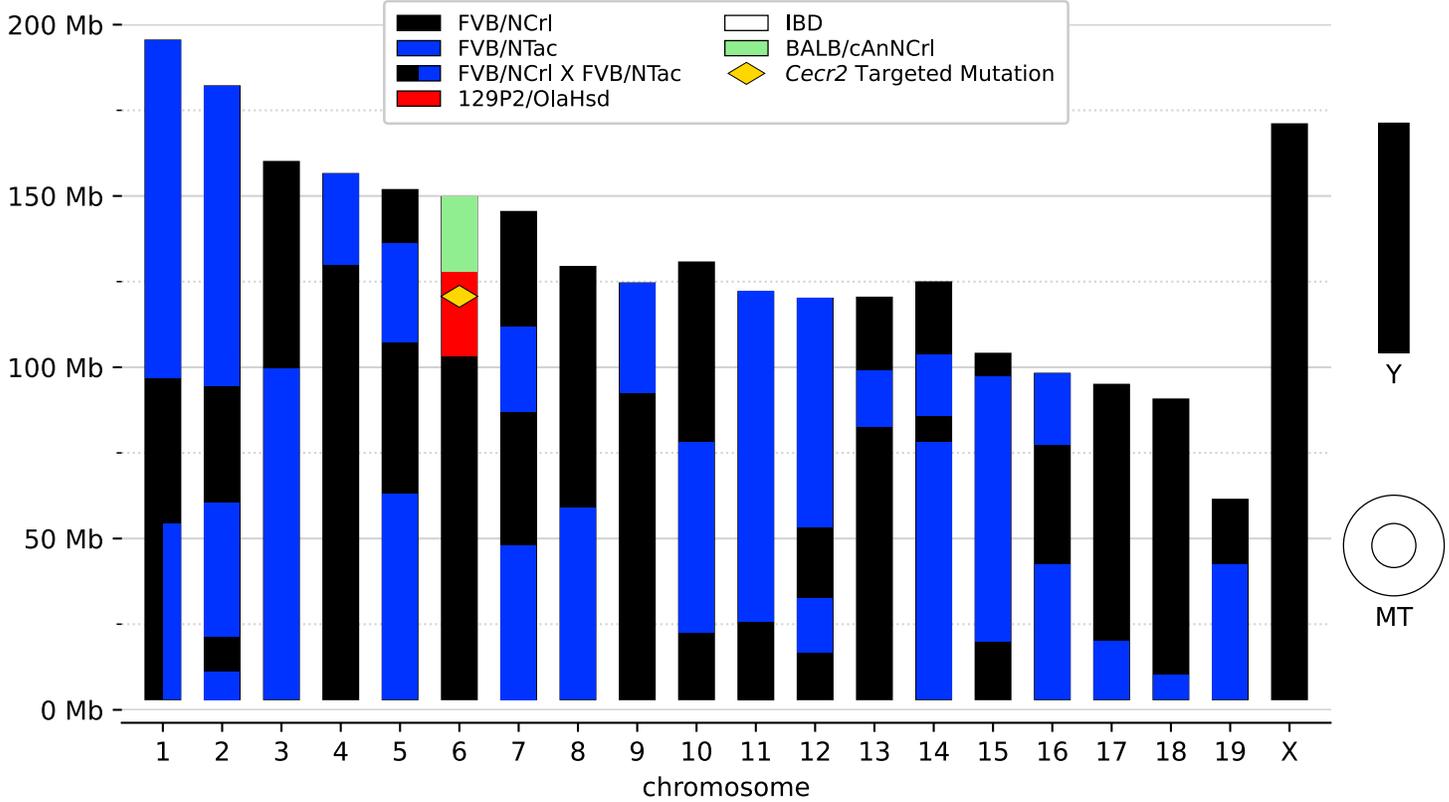


Summary: Congenic strain carrying the *Gt(pGT1)1Hemc* allele of the *Cecr2* gene on mixed FVB/N background. The allele of interest present on chromosome 6 is on the donor background (129P2/OlaHsd). BALB/cAnNCrI, FVB/NCrI, and FVB/NTac were detected with diagnostic alleles. The genome of this strain is not fully replicable because at least 2.0% of the genome is segregating for the substrains of the primary background. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2019.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
FVB/NCrI and FVB/NTac	N/A	98.2%	N/A
FVB/NCrI	Homozygous	51.4%	N/A
FVB/NTac	Homozygous	44.8%	N/A
FVB/NCrI X FVB/NTac	Heterozygous	2.0%	200
129P2/OlaHsd	Homozygous	1.0%	N/A
BALB/cAnNCrI	Homozygous	0.9%	N/A
Total		100.0%	200

Substrain Detected	VQ5325	XZ5764	Constructs Detected
FVB/NCrI	present	present	
BALB/cAnNCrI	present	present	
FVB/NTac	present	present	
			None