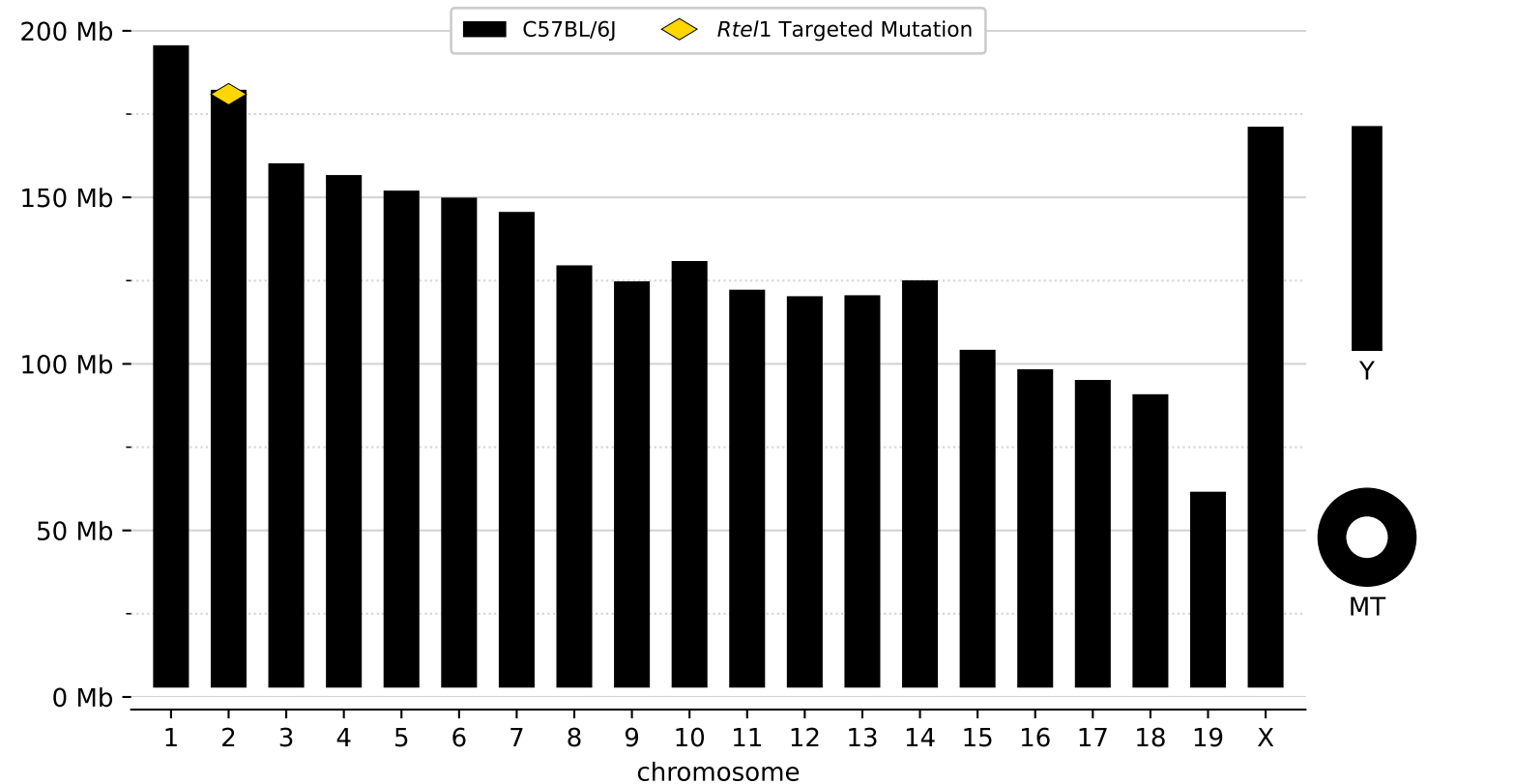


Summary: Coisogenic strain carrying a crispr of the *Rtel1* gene on C57BL/6J background. C57BL/6J was detected with diagnostic alleles. The genome of this strain is fully replicable. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2024.



| Genetic Background |  | Zygosity   | Genome % | Estimated # Segregating SNPs |
|--------------------|--|------------|----------|------------------------------|
| C57BL/6J           |  | Homozygous | 100.0%   | N/A                          |
| Total              |  |            | 100.0%   | 0                            |

| Substrain Detected | # present in AN8413 | # present in IU9553 | Total SNPs Annotated |
|--------------------|---------------------|---------------------|----------------------|
| C57BL/6J           | 166                 | 164                 | 168                  |

| Constructs Detected |
|---------------------|
| None                |