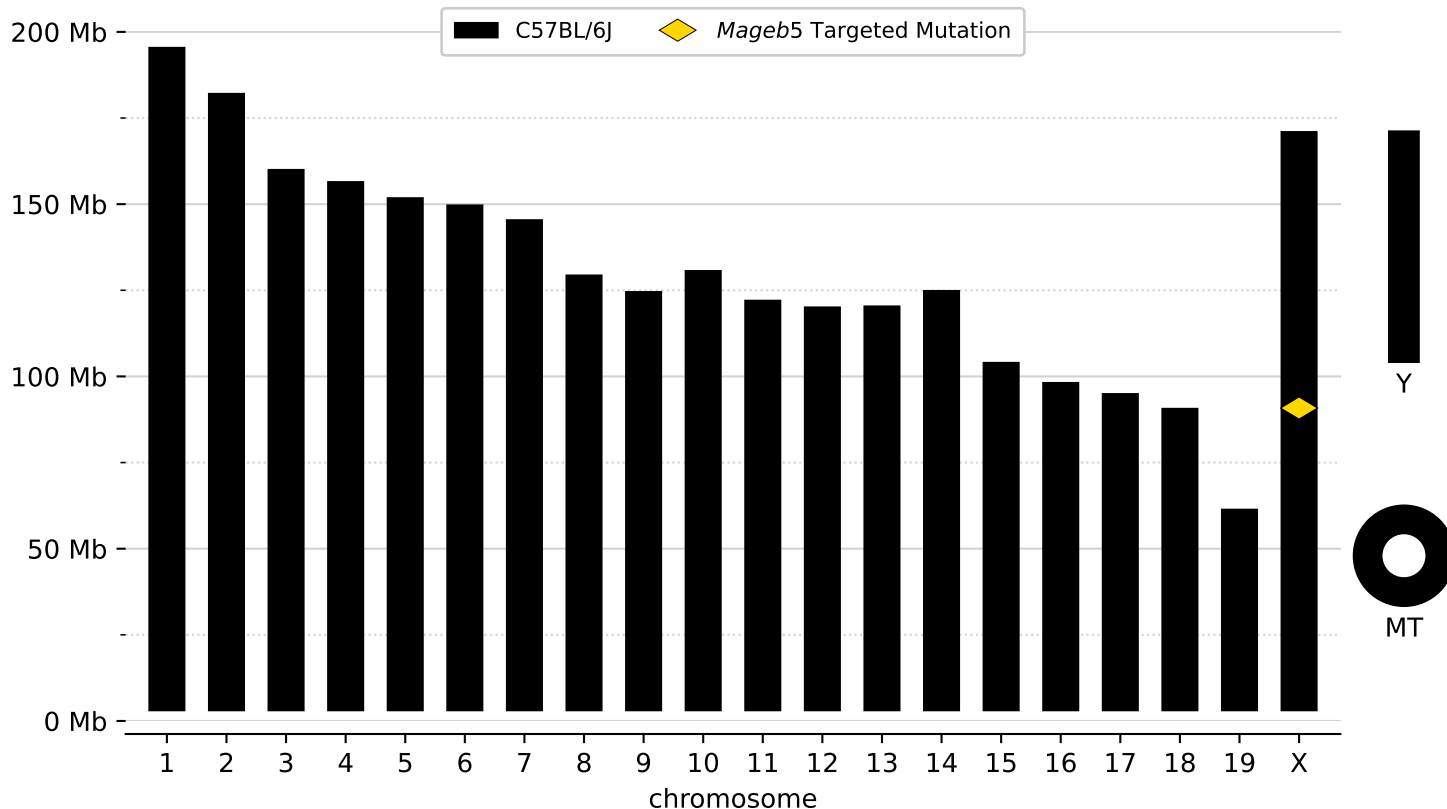


Summary: Coisogenic strain carrying the *Del(XMageb5)1Jbmu* allele of the *Mageb5* gene on C57BL/6J background. C57BL/6J was detected with diagnostic alleles. The genome of this strain is fully replicable. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2020.



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

| Substrain Detected | # present in EI5170 | # present in VL3212 | Total SNPs Annotated |
|--------------------|---------------------|---------------------|----------------------|
| C57BL/6J           | 164                 | 165                 | 168                  |

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