

Summary: Stock strain carrying a knockout allele of the *Tmem35a* gene on mixed background. The genetic background cannot be resolved for most of the genome with MiniMUGA. The knockout allele present on chromosome X is on the donor background (FVB/NJ). C57BL/6J, C57BL/6NCrI, C57BL/6NRj, FVB/NCrI, and FVB/NJ were detected with diagnostic alleles. The genome of this strain is not replicable. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2019.

Substrain Detected	# present in MM1024	# present in IM0269	Total SNPs Annotated
C57BL/6NRj	22	20	36
FVB/NJ	9	8	79
FVB/NCrI	6	5	45
C57BL/6NCrI or C57BL/6NRj	5	4	14
C57BL/6J	3	4	123
C57BL/6NCrI	1	4	19

Constructs Detected
None