MMRRC Strain GQC

RRID:MMRRC_068489-UCD

Name: STOCK-*Tuba1a*^{m1Nisw}/Mmucd

Samples Genotyped
BV0427 (XY)
GV5993 (XY)

Genotyping Dates
2026-05-20
2026-05-20

Summary: Stock strain carrying the *m1Nisw* allele of the *Tuba1a* gene on mixed background. The genetic background cannot be resolved for most of the genome with MiniMUGA. 129S1/SvImJ, 129S6/SvEvTac, C57BL/6JRj, C57BL/6NCrl, 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 2026.

Substrain Detected	BV0427	GV5993
129S1/SvImJ	present	present
C57BL/6JRj	present	present
C57BL/6NCrl	absent	present
129S6/SvEvTac	absent	present
FVB/NJ	absent	present

Constructs Detected
None