MMRRC Strain GQC

RRID:MMRRC_032829-UNC

Name: B6J;129-*Ift172*$^{tm1.1Rama}$/Mmnc

Samples Genotyped
SQ4196 (XX)
IX3521 (XY)

Genotyping Dates
2026-06-30
2026-06-30

Summary: Cross strain carrying the *tm1.1Rama* allele of the *Ift172* gene on mixed C57BL/6J and 129/Sv background. Neither parental background contributes at least 80% of the genome in homozygosity. The allele of interest present on chromosome 5 is on the donor background (129/Sv). 129S4/SvJaeJ, 129S6/SvEvTac, and C57BL/6J 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.

Genetic Background	Zygosity	Genome %
129S4/SvJaeJ, C57BL/6J	Segregating	>49.3%

Substrain Detected	SQ4196	IX3521
C57BL/6J	present	present
129S4/SvJaeJ	present	present
129S6/SvEvTac	present	present

Constructs Detected
None