

Summary: Stock strain carrying the *tm1a(KOMP)Wtsi* allele of the *Tbc1d15* gene on mixed background. The genetic background cannot be resolved for most of the genome with MiniMUGA. 129S1/SvImJ, 129S6/SvEvTac, C57BL/6J, C57BL/6NRj, and DBA/2J were detected with diagnostic alleles. The genome of this strain is not replicable. This strain carries a potentially active allele of green (or similar) fluorescent protein with unknown zygosity. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2026.

Substrain Detected	MM6499	PX0770	Constructs Detected
C57BL/6J	present	present	bpA, g_FP, IRES, hCMV_a, hCMV_b
DBA/2J	present	present	
C57BL/6NRj	absent	present	
129S6/SvEvTac	present	present	
129S1/SvImJ	present	present	