

Summary: Cross strain carrying the *tm2Bhr* allele of the *Twist1* gene on mixed background. Neither parental background contributes at least 80% of the genome in homozygosity. The allele present on chromosome 12 is on the donor background (129S7/SvEvBrd). 129S7/SvEvBrd 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 2022 and 2021.

Genetic Background		Zygosity	Genome %
129S7/SvEvBrd, C57BL/6J		Segregating	>27.1%

Substrain Detected	# present in YH0188	# present in PI7379	Total SNPs Annotated
C57BL/6J	145	163	168
129S7/SvEvBrd	2	3	11

Constructs Detected
None