

Summary: Stock strain carrying the *tm2Nbm* allele of the *Inpp5b* gene, the *tm1Nbm* allele of the *Ocr1* gene, and a human *INPP5B* transgene (multi-copy BAC). The genetic background cannot be resolved for most of the genome with MiniMUGA. The targeted alleles of interest present on chromosome 4 and chromosome X are on the donor backgrounds (129S6/129Sv). 129S6/SvEvTac, C57BL/6J, and C57BL/6NRj 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 2021.

Substrain Detected	# present in ZP1140	# present in MQ8951	Total SNPs Annotated
C57BL/6J	54	59	163
C57BL/6NRj	15	17	39
129S6/SvEvTac	2	2	40

Constructs Detected
None