

Summary: Stock strain carrying the *tm1.2Pcn* allele of the *Smarca4* gene on mixed background. The genetic background cannot be resolved for most of the genome with MiniMUGA. 129S4/SvJaeJ, C3H/HeNCrI, C3H/HeNTac, C57BL/6J, C57BL/6NTac, and FVB/NJ 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 2019.

Substrain Detected	# present in CU0798	# present in SB9519	Total SNPs Annotated
C57BL/6J	61	63	162
C57BL/6NTac	4	3	26
129S4/SvJaeJ	1	0	45
C3H/HeNTac	2	0	44
FVB/NJ	1	0	79
C3H/HeNCrI	0	1	5

Constructs Detected
bpA, g_FP