

Summary: Stock strain carrying random insertions of 60 homing guide RNA (hgRNA) loci throughout the genome. The genetic background cannot be resolved for most of the genome with MiniMUGA. 129S1/SvImJ, 129S4/SvJaeJ, C57BL/6J, and C57BL/6NTac 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 EI9178	# present in GW2442	Total SNPs Annotated
C57BL/6J	38	30	159
129S4/SvJaeJ	8	9	52
C57BL/6NTac	8	8	27
129S1/SvImJ or 129S4/SvJaeJ	2	3	6
129S1/SvImJ	1	1	96

Constructs Detected
cHS4