

Summary: Stock strain carrying an *EGFP* transgene under the Vcan promoter (multi-copy BAC) on mixed background. The genetic background cannot be resolved for most of the genome with MiniMUGA. 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 and 2019.

| Substrain Detected | # present in SB0542 | # present in YL1949 | Total SNPs Annotated | Constructs Detected |
|--------------------|---------------------|---------------------|----------------------|---------------------|
| FVB/NTac           | 14                  | 10                  | 38                   | bpA, chlor, g_FP    |