

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

GenomeMUSter

RRID:SCR_024214

Type: Tool

Proper Citation

GenomeMUSter (RRID:SCR_024214)

Resource Information

URL: <https://muster.jax.org/>

Proper Citation: GenomeMUSter (RRID:SCR_024214)

Description: Web and programmatically accessible data service comprising allelic data covering strains at segregating sites. Mouse genetic variation service enables multi-trait, multi-population data integration and analyses. Interoperation with phenotype databases, analytic tools and other resources enable wealth of applications including multi-trait, multi-population meta-analysis. Mouse genetic resource that includes typed, sequenced, and imputed allelic states of 657 inbred mouse strains and their derivatives at 106.8M sites.

Resource Type: data access protocol, web service, software resource, data or information resource

Defining Citation: [DOI:10.1101/2023.08.08.552506](https://doi.org/10.1101/2023.08.08.552506)

Keywords: Mouse genetic variation service, data service, allelic data covering strains, mouse strains and their derivatives,

Availability: Free, Freely available

Resource Name: GenomeMUSter

Resource ID: SCR_024214

Record Creation Time: 20230826T050222+0000

Record Last Update: 20260731T043138+0000

Ratings and Alerts

No rating or validation information has been found for GenomeMUSter.

No alerts have been found for GenomeMUSter.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Ball RL, et al. (2024) GenomeMUSter mouse genetic variation service enables multitrait, multipopulation data integration and analysis. Genome research, 34(1), 145.

Bogue MA, et al. (2023) Mouse phenome database: curated data repository with interactive multi-population and multi-trait analyses. Mammalian genome : official journal of the International Mammalian Genome Society, 34(4), 509.