

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 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, data or information resource, software resource, web service

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: 20260905T133029+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 3 mentions in open access literature.

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

Ball RL, et al. (2026) Data-driven prioritization of mouse strains for improved preclinical modeling of rare and common disease. bioRxiv : the preprint server for biology.

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.