

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Mx1^r/Mx1^r](#)

RRID:MGI:3715199

Type: Organism

Proper Citation

RRID:MGI:3715199

Organism Information

URL:

Proper Citation: RRID:MGI:3715199

Description: Allele Detail: Spontaneous This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Spontaneous This is a legacy resource.

Phenotype: altered susceptibility to infection, decreased susceptibility to viral infection induced morbidity/mortality

Affected Gene: Mx1

Genomic Alteration: r

Catalog Number: 3715199

Background: B6.A2G-Mx1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:7884909](#), [PMID:17426143](#)

Organism Name: Mx1^r/Mx1^r

Record Creation Time: 20240120T190515+0000

Record Last Update: 20240130T201939+0000

Ratings and Alerts

No rating or validation information has been found for Mx1^r/Mx1^r.

No alerts have been found for Mx1^r/Mx1^r.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Wang X, et al. (2025) Single-cell transcriptomics reveals a compartmentalized antiviral interferon response in the nasal epithelium of mice. Journal of virology, 99(3), e0141324.

Ngo C, et al. (2025) Plasmacytoid dendritic cells are dispensable or detrimental in murine systemic or respiratory viral infections. Nature immunology, 26(11), 1962.