

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6.Cg-Mx1^{tm1.1Agsa/J}

RRID:IMSR_JAX:033219

Type: Organism

Proper Citation

RRID:IMSR_JAX:033219

Organism Information

URL: <https://www.jax.org/strain/033219>

Proper Citation: RRID:IMSR_JAX:033219

Description: Mus musculus with name B6.Cg-Mx1^{tm1.1Agsa/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: MX dynamin-like GTPase 1; mutant strain|congenic strain: Mx1

Affected Gene: MX dynamin-like GTPase 1

Genomic Alteration: targeted mutation 1.1; Adolfo Garcia-Sastre

Catalog Number: JAX:033219

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Mx1^{tm1.1Agsa/J}

Record Creation Time: 20250513T053834+0000

Record Last Update: 20260725T044531+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Mx1^{tm1.1Agsa/J}.

No alerts have been found for B6.Cg-Mx1^{tm1.1Agsa/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Sajani A, et al. (2025) Heterogeneity and plasticity of the naïve CD4+ T cell compartment. Research square.

Herbst M, et al. (2025) Cancer-cell-derived cGAMP limits the activity of tumor-associated CD8+ T cells. Cell reports, 44(4), 115510.

Escoubas CC, et al. (2024) Type-I-interferon-responsive microglia shape cortical development and behavior. Cell.

Escoubas CC, et al. (2023) Type I interferon responsive microglia shape cortical development and behavior. bioRxiv : the preprint server for biology.

Lei Y, et al. (2023) Cooperative sensing of mitochondrial DNA by ZBP1 and cGAS promotes cardiotoxicity. Cell, 186(14), 3013.