

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 27, 2025

## C57BL/6JJmsSlc

RRID:MGI:5488963

Type: Organism

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### Proper Citation

RRID:MGI:5488963

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### Organism Information

**URL:** <http://www.informatics.jax.org/strain/MGI:5488963>

**Proper Citation:** RRID:MGI:5488963

**Description:** laboratory mouse with name C57BL/6JJmsSlc from MGI.

**Species:** laboratory mouse

**Notes:** Strain Type: inbred strain

**Catalog Number:** 5488963

**Database:** Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Organism Name:** C57BL/6JJmsSlc

**Record Creation Time:** 20230227T022158+0000

**Record Last Update:** 20250420T080808+0000

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### Ratings and Alerts

No rating or validation information has been found for C57BL/6JJmsSlc.

No alerts have been found for C57BL/6JJmsSlc.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 124 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Yamagishi N, et al. (2024) Effects of subchronic and mild social defeat stress on the intestinal microbiota and fecal bile acid composition in mice. *Bioscience of microbiota, food and health*, 43(3), 260.

Jo-Watanabe A, et al. (2024) Bicarbonate signalling via G protein-coupled receptor regulates ischaemia-reperfusion injury. *Nature communications*, 15(1), 1530.

Morita S, et al. (2024) Establishment of a stem cell administration imaging method in bleomycin-induced pulmonary fibrosis mouse models. *Scientific reports*, 14(1), 18905.

Kawata S, et al. (2024) Preservation of masseter muscle until the end stage in the SOD1G93A mouse model for ALS. *Scientific reports*, 14(1), 24279.

Kamiya K, et al. (2024) Role of endothelial hyaluronan in peritoneal membrane transport and disease conditions during peritoneal dialysis. *Scientific reports*, 14(1), 7412.

Noguchi Y, et al. (2024) In vivo CRISPR screening directly targeting testicular cells. *Cell genomics*, 4(3), 100510.

Adachi E, et al. (2024) Progranulin deficiency attenuates tubulointerstitial injury in a mouse unilateral ureteral obstruction model. *Experimental animals*, 73(3), 293.

Ito C, et al. (2024) Spermatozoa from male mice with infertility due to Odf4 deficiency can fertilize oocytes by in vitro fertilization. *Reproductive medicine and biology*, 23(1), e12605.

Zhou X, et al. (2024) Neurotrophin® ameliorates chronic pain associated with scar formation in a mouse model: A gene expression analysis of the inflammatory response. *Molecular pain*, 20, 17448069241245420.

Harada A, et al. (2024) Maturation and development of fetal pig intestinal tissue in immunodeficient mice. *Acta cirurgica brasileira*, 39, e390624.

Kobayashi M, et al. (2024) Effects of the matrix-bounded nanovesicles of high-hydrostatic pressure decellularized tissues on neural regeneration. *Science and technology of advanced materials*, 25(1), 2404380.

Mochizuki T, et al. (2024) Optogenetic stimulation of neurons in the anterior cingulate cortex induces changes in intravesical bladder pressure and the micturition reflex. *Scientific reports*, 14(1), 6367.

Yamashita Y, et al. (2024) Assessing the Safety of Mechanically Fibrillated Cellulose Nanofibers (fib-CNF) via Toxicity Tests on Mice: Single Intratracheal Administration and 28 Days' Oral Intake. *Toxics*, 12(2).

Kojima L, et al. (2024) Optimization of AAV vectors for transactivator-regulated enhanced gene expression within targeted neuronal populations. *iScience*, 27(6), 109878.

Nishio M, et al. (2024) Medial prefrontal cortex suppresses reward-seeking behavior with risk of punishment by reducing sensitivity to reward. *Frontiers in neuroscience*, 18, 1412509.

Kato Y, et al. (2024) Protocol for gene knockdown using siRNA in primary cultured neonatal murine microglia. *STAR protocols*, 5(1), 102867.

Homma K, et al. (2023) A combination of 5/6-nephrectomy and unilateral ureteral obstruction model accelerates progression of remote organ fibrosis in chronic kidney disease. *FASEB bioAdvances*, 5(10), 377.

Ma Q, et al. (2023) Fermented Stevia Improves Alcohol Poisoning Symptoms Associated with Changes in Mouse Gut Microbiota. *Nutrients*, 15(17).

Ueda J, et al. (2023) Evaluation of Cardiac Function in Young Mdx Mice Using MRI with Feature Tracking and Self-Gated Magnetic Resonance Cine Imaging. *Diagnostics (Basel, Switzerland)*, 13(8).

Enoki Y, et al. (2023) The G protein-coupled receptor ligand apelin-13 ameliorates skeletal muscle atrophy induced by chronic kidney disease. *Journal of cachexia, sarcopenia and muscle*, 14(1), 553.