

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

C57BL/6

RRID:MGI:2159769

Type: Organism

Proper Citation

RRID:MGI:2159769

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2159769>

Proper Citation: RRID:MGI:2159769

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

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2159769

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6

Record Creation Time: 20230227T022130+0000

Record Last Update: 20260905T152041+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 632 mentions in open access literature.

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

Williamson P, et al. (2026) MUC16-dependent Renal Vascular Adhesion of Candida Promotes Tissue Invasion and Predicts Clinical Outcome in Candidemia. Research square.

Wang R, et al. (2026) SAMS1 restrains NK cell mediated anti-tumor immunity in hepatocellular carcinoma. Nature communications, 17(1).

Han MA, et al. (2026) A novel role of erythropoietin in skin pigmentation through melanin production. Scientific reports, 16(1).

Wang W, et al. (2026) A Pseudo-Mytilus Edulis Foot Protein-Based Hydrogel Adhesive with Osteo-Vascular-Immune Coupling Effects for Osteoporotic Bone-Implant Integration. Advanced materials (Deerfield Beach, Fla.), 38(6), e11840.

Di Pierro E, et al. (2026) New cases of α -aminolevulinic acid dehydratase deficiency: Functional insights into gene variants using an innovative mouse liver model. Journal of internal medicine, 299(1), 126.

Zhang Y, et al. (2026) Bone Marrow Mesenchymal Stem Cell-Derived Exosomal Let-7b-5p Reduces High Glucose-Induced Microglial Activation and Inflammation Through TLR4/ATF4. Mediators of inflammation, 2026, 7251718.

Deng T, et al. (2026) SNHG5 Exacerbates Sepsis-Induced Inflammatory Injury in Coronary Artery Endothelial Cells by Regulating METAP2-Mediated IL-8 Secretion. Mediators of inflammation, 2026, 2519086.

Maccioni L, et al. (2026) Network-Based Analysis for the Quantification of Brain and Body Immune Axes with Total-Body PET Imaging. Journal of nuclear medicine : official publication, Society of Nuclear Medicine, 67(5), 817.

Yanyan X, et al. (2026) Atractylenolide III Alleviates the Lipid Metabolic Disorders in Ovariectomy-Induced Estrogen-Deficient Mice Through Repairing Intestinal Inflammation and Microenvironment. The journal of obstetrics and gynaecology research, 52(4), e70272.

Liao SX, et al. (2026) NCX1 reverse mode promotes calcium-dependent Neutrophil Extracellular Trap formation and lung damage in chronic obstructive pulmonary disease. Nature communications, 17(1).

Esposito DLA, et al. (2026) Maturation-deficient chikungunya virus elicits protective immune responses in a murine challenge model. NPJ vaccines, 11(1).

Sveiven SN, et al. (2026) A Transcriptional Atlas of Endothelial Cell Zonation Along the Pulmonary Vascular Tree. bioRxiv : the preprint server for biology.

Chiche A, et al. (2026) Induction of senescence during postpartum mammary gland involution supports tissue remodeling and promotes postpartum tumorigenesis. *Nature aging*, 6(3), 541.

Breljak D, et al. (2026) Sex-Related Expression of Klotho in Rat Kidneys: Species Differences Between Rats and Mice. *International journal of molecular sciences*, 27(2).

Durmus GT, et al. (2026) Resolvin E1 and Maresin 1 Attenuate Nucleotide-Binding Oligomerization Domain-Like Receptor Protein 3-Associated Inflammation and Invasion in Oral Squamous Cell Carcinoma. *The American journal of pathology*, 196(8), 1777.

Chen CY, et al. (2026) Transcriptome-guided development of a fibrosis-reversal compound reduces skin scarring and allows regeneration via mitochondrial uncoupling. *Cell reports. Medicine*, 7(5), 102821.

Nong C, et al. (2026) MotorQuant: A novel tool for motor function assessment in spinal cord injured mice. *Behavioural brain research*, 510, 116243.

Surboy MDC, et al. (2026) Single-dose intrapalatal injection of erythromycin-loaded microparticles mitigates periodontitis-induced alveolar bone loss and enhances bone regeneration. *International journal of pharmaceutics*, 699, 126995.

Beale AD, et al. (2026) A cellular basis for the mammalian nocturnal-diurnal switch. *Science (New York, N.Y.)*, 391(6788), eady2822.

Al Jawazneh A, et al. (2026) Bile acid retention in efferocytic macrophages shapes their inflammatory status during cholangitis. *The Journal of experimental medicine*, 223(7).