

Resource Summary Report

Generated by [dkNET](#) on Aug 12, 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: 20260808T212036+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 [dkNET](#) .

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

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.

Wang R, et al. (2026) SAMSN1 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).

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).

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).

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.

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

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).