

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

C57BL/6N

RRID:MGI:2159965

Type: Organism

Proper Citation

RRID:MGI:2159965

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2159965>

Proper Citation: RRID:MGI:2159965

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

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2159965

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6N

Record Creation Time: 20230227T022243+0000

Record Last Update: 20260725T210929+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6N.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 6230 mentions in open access literature.

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

Lin WR, et al. (2026) Magrolimab (Hu5F9-G4) promotes macrophage M1 polarization and is associated with enhanced autophagy in colorectal cancer. *Translational oncology*, 63, 102598.

Mullin C, et al. (2026) The hematopoietic stem cell MYB enhancer is essential for and recurrently amplified during T cell leukemogenesis. *The Journal of clinical investigation*, 136(1).

Zhang R, et al. (2026) Chimeric MHC class I- and II-restricted non-self epitopes broaden antitumor T cell reactions. *The Journal of experimental medicine*, 223(2).

Brown EM, et al. (2025) Bacteroides sphingolipids promote anti-inflammatory responses through the mevalonate pathway. *Cell host & microbe*, 33(6), 901.

Nita A, et al. (2025) FGFR2 residence in primary cilia is necessary for epithelial cell signaling. *The Journal of cell biology*, 224(7).

Gekko H, et al. (2025) Redistribution of fragmented mitochondria ensures symmetric organelle partitioning and faithful chromosome segregation in mitotic mouse zygotes. *eLife*, 13.

Janssen E, et al. (2025) DOCK8 in T cells promotes Th17 and Treg cell functionality to restrain mucosal mast cells and limit susceptibility to oral anaphylaxis. *Immunity*, 58(7), 1794.

Zhong S, et al. (2025) Modular DNA barcoding of nanobodies enables multiplexed in situ protein imaging and high-throughput biomolecule detection. *eLife*, 14.

Umeda R, et al. (2025) Investigation of the Impact of Tryptophan-Metabolizing Enzymes and Kynurenic Acid on Antibody-Mediated Glomerulonephritis. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(18), e71076.

Coughlin GM, et al. (2025) Spatial genomics of AAV vectors reveals mechanism of transcriptional crosstalk that enables targeted delivery of large genetic cargo. *Nature biotechnology*.

Zhang J, et al. (2025) The transcription factor ZFP64 promotes activity-dependent synapse elimination during postnatal cerebellar development. *iScience*, 28(6), 112746.

Asenjo-Martinez A, et al. (2025) Dysfunction of cortical GABAergic projection neurons as a major hallmark in a model of neuropsychiatric syndrome. *Neuron*, 113(19), 3204.

Engel K, et al. (2025) Segment specific loss of NFAT5 function in the kidneys is sufficient to induce a global kidney injury like phenotype. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(2), e70352.

Wang Y, et al. (2025) Comprehensive characterization of metabolic consumption and production by the human brain. *Neuron*, 113(11), 1708.

Broderick C, et al. (2025) A RAS(ON) Multi-Selective Inhibitor Combination Therapy Triggers Long-term Tumor Control through Senescence-Associated Tumor-Immune Equilibrium in Pancreatic Ductal Adenocarcinoma. *Cancer discovery*, 15(8), 1717.

Lai P, et al. (2025) Mitochondrial DNA released by senescent tumor cells enhances PMN-MDSC-driven immunosuppression through the cGAS-STING pathway. *Immunity*, 58(4), 811.

Timón-Gómez A, et al. (2025) Bioenergetic profiles and respiratory control in mitochondrial physiology: Precision analysis of oxidative phosphorylation. *Experimental physiology*.

Das M, et al. (2025) *S. aureus* exposure during cutaneous antigen sensitization causes basophil- and interleukin-4-dependent exaggerated food anaphylaxis. *Immunity*.

Petrick HL, et al. (2025) Dietary nitrate preserves mitochondrial bioenergetics and mitochondrial protein synthesis rates during short-term immobilization in mice. *The Journal of physiology*, 603(13), 3795.

Støy S, et al. (2025) Lipidated IL-22 Alone or Combined with Immunomodulatory Agents Improves Disease Endpoints and Promotes Mucosal Healing in a Mouse Model of Chronic Dextran Sodium Sulfate-Induced Colitis. *Digestive diseases and sciences*, 70(6), 2021.