

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

C57BL/6NCr

RRID:MGI:2160593

Type: Organism

Proper Citation

RRID:MGI:2160593

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2160593>

Proper Citation: RRID:MGI:2160593

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

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2160593

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6NCr

Record Creation Time: 20230227T022318+0000

Record Last Update: 20260815T205305+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6NCr.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 231 mentions in open access literature.

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

Zhou G, et al. (2026) Strain-specific immune response patterns to *Borrelia burgdorferi* infection: a comparative transcriptomic analysis in C3H and C57BL/6 mice. *Infection and immunity*, 94(3), e0021825.

Fry L, et al. (2026) Guanylate-binding proteins balance iNOS/Arg-1 in myeloid cells during L. major infection and promote host defense to infection. *mBio*, 17(4), e0282525.

Deveci A, et al. (2026) Involvement of interaction between TRPM2 and IKCA1 in temperature-dependent movement and IL-1?? production in mouse microglia. *The journal of physiological sciences : JPS*, 76(2), 100077.

Zou Z, et al. (2026) Metabolic cross-talk promotes persistence of *Enterococcus* in a model of polymicrobial catheter-associated urinary tract infection. *Science advances*, 12(25), eaee0675.

Fry L, et al. (2025) Guanylate-Binding Proteins Promote Host Defense Against *Leishmania* major by Balancing iNOS/Arg-1 in Myeloid Cells. *bioRxiv : the preprint server for biology*.

Lin YH, et al. (2025) High-throughput quantitation of acetaldehyde and ethanol in mice using gas chromatography/mass spectrometry positive chemical ionization. *Alcohol, clinical & experimental research*, 49(9), 1897.

Yokoyama S, et al. (2025) Secretoglobin 3A1 in activated muscle satellite cells contributes to myosin heavy chain IIX and IIB fiber differentiation. *Cellular and molecular life sciences : CMLS*, 83(1), 52.

Sato K, et al. (2025) Glomerular Haematopoietic Prostaglandin D Synthase-Prostaglandin D2 Axis Contributes to the Periodontitis-Related Exacerbation of Diabetic Nephropathy in KK-Ay Mice. *Journal of clinical periodontology*, 52(8), 1211.

Cho MM, et al. (2025) CD155 blockade enhances allogeneic natural killer cell-mediated antitumor response against osteosarcoma. *Journal for immunotherapy of cancer*, 13(4).

Kolms B, et al. (2025) Impaired thyroid hormone receptor signaling in anterior hypothalamic parvalbumin neurons causes bradycardia in male mice. *European thyroid journal*, 14(3).

Chen R, et al. (2025) Transplants foster B cell alloimmunity by relaying extracellular vesicles to follicular dendritic cells. *Cell reports*, 44(6), 115832.

Duenki T, et al. (2025) Insulative Compression of Neuronal Tissues on Microelectrode Arrays by Perfluorodecalin Enhances Electrophysiological Measurements. *Advanced healthcare materials*, 14(6), e2403771.

Quamine AE, et al. (2025) TIM-3 blockade enhances ex vivo stimulated allogeneic NK cell therapy for relapsed murine neuroblastoma after hematopoietic cell transplant. *Journal for immunotherapy of cancer*, 13(12).

Fry L, et al. (2025) Dysregulated lymphatic remodeling promotes immunopathology during non-healing cutaneous leishmaniasis. *bioRxiv : the preprint server for biology*.

Fujii T, et al. (2025) Reconstructing epigenomic dynamics through a single-cell multi-epigenome data integration framework. *Nature communications*, 16(1), 11006.

Oishi K, et al. (2025) PAI-1 Inhibitor TM5441 Attenuates Emphysema and Airway Inflammation in a Murine Model of Chronic Obstructive Pulmonary Disease. *International journal of molecular sciences*, 26(15).

Feng H, et al. (2025) Lycium barbarum-probiotic synergy alleviates chemotherapy-induced cancer-related fatigue via gut microbiota-metabolic axis regulation in mice. *Frontiers in nutrition*, 12, 1613132.

Su N, et al. (2025) Sargassum fusiforme polysaccharides modulate gut microbiota and metabolites to regulate hyperlipidemia in mice fed a high-fat diet. *Applied and environmental microbiology*, 91(12), e0144525.

Shinohara HM, et al. (2025) In Utero Electroporation Uncovers an Early-Differentiating Subset of Dentate Gyrus Progenitors. *Cellular and molecular neurobiology*, 45(1), 96.

Jain S, et al. (2024) Bystander Effects, Pharmacokinetics, and Linker-Payload Stability of EGFR-Targeting Antibody-Drug Conjugates Losatuxizumab Vedotin and Depatux-M in Glioblastoma Models. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(15), 3287.