

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

C57BL/6NTac

RRID:MGI:2164831

Type: Organism

Proper Citation

RRID:MGI:2164831

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2164831>

Proper Citation: RRID:MGI:2164831

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

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2164831

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6NTac

Record Creation Time: 20230227T022437+0000

Record Last Update: 20260905T152530+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6NTac.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 798 mentions in open access literature.

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

Jones TA, et al. (2026) Targeting the novel immune checkpoint KLRG1 is markedly therapeutic against cancer through multiple lymphocyte subsets. *Journal for immunotherapy of cancer*, 14(4).

Ballester Martinez M, et al. (2026) Protocol to isolate and co-culture primary mouse hepatocytes, hepatic stellate cells, and Kupffer cells under physiological conditions. *STAR protocols*, 7(3), 104639.

Clifton NE, et al. (2026) Setd1a Loss-of-function Disrupts Epigenetic Regulation of Ribosomal Genes via Altered DNA Methylation. *Schizophrenia bulletin*, 52(2).

Fischietti M, et al. (2026) Schlafen 5 is an intracellular immune checkpoint and controls IFN responses in pancreatic ductal adenocarcinoma. *JCI insight*, 11(5).

Kiyuna LA, et al. (2026) Energetic stress in combination with impaired fatty acid oxidation induces sequestration of CoA and adaptation of CoA metabolism. *The FEBS journal*, 293(12), 3565.

Kern KS, et al. (2026) Preimmunization of SPF Mice With Capsid Virus-like Particle Has no Effect on CD8+ Immune Memory and Skin Inflammation in an Ovalbumin-Induced Dermatitis Model. *Clinical and translational science*, 19(4), e70555.

Oestereicher MA, et al. (2026) Rethinking ratio-based normalization towards model-based approaches in heart weight analysis. *Scientific reports*, 16(1).

Verdegaal AA, et al. (2026) A drug-microbiome-drug interaction impacts co-prescribed medications for Parkinson's disease. *Nature microbiology*, 11(5), 1387.

Wang K, et al. (2026) Direct comparison of three herpes simplex virus-2 vaccine candidates using peripheral or mucosal routes of vaccination. *Vaccine*, 75, 128107.

Benito-Cuesta I, et al. (2026) Allogeneic MHC-mismatched microglia-like cell replacement as a therapeutic approach for multiple sclerosis. *Journal of neuroinflammation*, 23(1), 36.

Chakravarthy MV, et al. (2026) Effects of CT-388, a once-weekly signaling-biased dual GLP-1/GIP receptor agonist, on weight loss and glycemic control in preclinical models and participants with obesity. *Molecular metabolism*, 103, 102291.

Vicencio-Jimenez S, et al. (2026) Abnormal Hearing Phenotypes in "Ignorome" Knockout Mice as Predictors of Cognitive Dysfunction. *Genes, brain, and behavior*, 25(1), e70045.

Vollmers AC, et al. (2026) Reciprocal regulation of fibroblast-macrophage equilibrium governs skin integrity. *Nature immunology*, 27(4), 700.

Ohlsson C, et al. (2026) Role of Complement Component 9 in Bone Health: Causal Evidence in Humans and Mechanistic Studies in Mice. *Calcified tissue international*, 117(1).

Sarko LE, et al. (2026) uPAR exhibits age- and region-dependent expression in the brains of mice with Alzheimer's disease-like pathology. *Brain research*, 1886, 150364.

Chai RC, et al. (2026) Multiscale analysis and functional validation of the cellular and genetic determinants of skeletal disease. *bioRxiv : the preprint server for biology*.

Zhu K, et al. (2026) TGF β signaling mediates microglial resilience to spatiotemporally restricted myelin degeneration. *Nature neuroscience*, 29(3), 617.

Hagemann T, et al. (2026) Diet and temperature interactively impact brown adipose tissue gene regulation controlled by DNA methylation. *Molecular metabolism*, 104, 102315.

Xiong Y, et al. (2026) Thoracic Aortic Aneurysm Development Is Dependent on Membrane Type-1 Matrix Metalloproteinase Activity and Abundance. *Biomolecules*, 16(2).

Kim M, et al. (2026) Estropausal gut microbiota transplant improves measures of ovarian function in adult mice. *Nature aging*, 6(3), 682.