

Resource Summary Report

Generated by [NIF](#) on Aug 6, 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: 20260801T212901+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 736 mentions in open access literature.

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

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.

Yousief SW, et al. (2026) Genome-wide identification of tissue-specific fitness genes in murine models of *Staphylococcus aureus* infection. *iScience*, 29(1), 114261.

Ratsimandresy RA, et al. (2026) Combined antagonism of Oncostatin M (OSM) and Interleukin 6 (IL-6) provides both anti-fibrotic and anti-inflammatory benefit in pulmonary fibrosis. *bioRxiv : the preprint server for biology*.

Skytthe M, et al. (2026) CD163 Expression Protects Against Early Hepatic Steatosis in Western Diet-Fed Male Mice. *Gastro hep advances*, 5(1), 100809.

Heaton AR, et al. (2026) Divergent role of CD8 T cells with distinct metabolic phenotypes during curative radio-immunotherapy in hot versus cold tumors. *bioRxiv : the preprint server for biology*.

Li S, et al. (2025) Tumor Cell-Intrinsic Decr2 Regulates Ferroptosis and Immunotherapy Efficacy. *Cancer immunology research*, 13(8), 1284.

Nakanishi M, et al. (2025) Differential susceptibility to colonic ulceration in mice with genetic deletion of Prostaglandin E synthase. *Research square*.

Bailey WJ, et al. (2025) LINE-1 transposition into murine Thyroglobulin results in congenital thyroid dysplasia. *PloS one*, 20(7), e0325493.

Khare HA, et al. (2025) Effect of Size and Targeting Agent on Biodistribution of Polystyrene Nanoparticles in Apolipoprotein E Knock-Out and Wild-Type Mice. *Diagnostics (Basel, Switzerland)*, 15(17).

Slavic Obradovic K, et al. (2025) Combining BET inhibition with SMAC mimetics restricts tumor growth and triggers immune surveillance in preclinical cancer models. *Cell reports. Medicine*, 6(9), 102313.

Yasmin-Karim S, et al. (2025) Aerosol Delivery of Hesperetin-Loaded Nanoparticles and Immunotherapy Increases Survival in a Murine Lung Cancer Model. *Nanomaterials (Basel, Switzerland)*, 15(8).

Peeters S, et al. (2025) Escape from X-chromosome inactivation at KDM5C is driven by promoter-proximal DNA elements and enhanced by domain context. *Human molecular genetics*, 34(11), 978.

Aigner B, et al. (2025) Variability of test parameters from mice of different age groups in published data sets. *PloS one*, 20(8), e0329357.

Ofosu-Boateng M, et al. (2025) Human PXR Signaling Exacerbates Ethanol-induced Liver Injury in Females: Evidence From Mouse Models and Human Alcohol-associated Liver Disease Cohorts. *Cellular and molecular gastroenterology and hepatology*, 19(11), 101589.

Treat BR, et al. (2025) In vivo Imaging and Tracking of VRE-microbiota Interactions via Anaerobic Fluorescent Reporters in Extremely Drug-resistant Bacteria. *bioRxiv : the preprint server for biology*.

Czechowski P, et al. (2025) Normal-Weight Offspring of Parents With Diet-Induced Obesity Display Altered Gene Expression Profiles. *Obesity science & practice*, 11(1), e70058.

Ashcroft SP, et al. (2025) Enhanced metabolic adaptations following late dark phase wheel running in high-fat diet-fed mice. *Molecular metabolism*, 95, 102116.

Yardeni T, et al. (2025) Mitochondrial DNA lineages determine tumor progression through T cell reactive oxygen signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 122(1), e2417252121.

Hadrup N, et al. (2025) Intratracheal instillation for the testing of pulmonary toxicity in mice-Effects of instillation devices and feed type on inflammation. *Animal models and experimental medicine*, 8(2), 378.

Rahmawati NY, et al. (2025) Luminescent mouse model of endometriosis: three-dimensional morphology of lesions and cytokine profiles. *Experimental animals*, 74(4), 419.