

Resource Summary Report

Generated by T1D on Sep 6, 2026

C57BL/6NTac

RRID:IMSR_TAC:B6

Type: Organism

Proper Citation

RRID:IMSR_TAC:B6

Organism Information

URL: <http://www.taconic.com/mouse-model/black-6-b6ntac>

Proper Citation: RRID:IMSR_TAC:B6

Description: Mus musculus with name C57BL/6NTac from IMSR.

Species: Mus musculus

Synonyms: C57BL/6Tac

Notes: gene symbol note: ; inbred strain:

Catalog Number: TAC:B6

Database: Taconic Biosciences

Database Abbreviation: TAC

Availability: live

Organism Name: C57BL/6NTac

Record Creation Time: 20250513T053520+0000

Record Last Update: 20260905T044300+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](#)

Source Database: Taconic Biosciences

Usage and Citation Metrics

We found 39 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Unrug-Bielawska K, et al. (2026) Sex- and mouse strain-related differences in body weight gain, composition of the gut microbiota, and levels of selected metabolites in response to a Western-style diet. *BMC gastroenterology*, 26(1).

Overstreet AC, et al. (2026) HMGB1 functions as a critical mediator of host defense at the gut mucosal barrier. *Cell host & microbe*, 34(2), 230.

Fang H, et al. (2026) Protocol for determining gut microbiota metabolites as substrates in mouse metabolism. *STAR protocols*, 7(1), 104325.

Wang Y, et al. (2026) Neuronal competition shapes the encoding, consolidation, and retrieval of precise spatial memories in mice. *Current biology : CB*, 36(9), 2255.

Antunes Fernandes K, et al. (2026) Maternal helminths rewire the microbiota to promote offspring antiviral immunity. *Cell host & microbe*, 34(6), 1050.

Sánchez-Martínez E, et al. (2026) Microbial metabolism of food allergens determines the severity of IgE-mediated anaphylaxis. *Cell host & microbe*, 34(4), 600.

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.

Thomas OG, et al. (2026) Anoctamin-2-specific T cells link Epstein-Barr virus to multiple sclerosis. *Cell*.

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*.

Oh M, et al. (2026) Ovarian hormone deficiency enhances wood smoke-induced immune dysfunction via transcriptomic and metabolic alterations. *Toxicological sciences : an official journal of the Society of Toxicology*, 209(3).

Wu L, et al. (2025) The cell-surface shared proteome of astrocytes and neurons and the molecular foundations of their multicellular interactions. *Neuron*, 113(16), 2599.

Shen H, et al. (2025) Engineered commensals for targeted nose-to-brain drug delivery. *Cell*, 188(6), 1545.

Fang H, et al. (2025) Gut substrate trap of D-lactate from microbiota improves blood glucose and fatty liver disease in obese mice. *Cell metabolism*, 37(9), 1806.

Schiele P, et al. (2025) CD8⁺ T cell-derived CD40L mediates noncanonical cytotoxicity in CD40-expressing cancer cells. *Science advances*, 11(21), eadr9331.

Ramsaran AI, et al. (2025) A sensitive period for the development of episodic-like memory in mice. *Current biology : CB*, 35(9), 2032.

Wu L, et al. (2025) Protocol for identification of cell-surface proteins with horseradish peroxidase. *STAR protocols*, 6(4), 104255.

Aldehoff AS, et al. (2025) Advanced Proteomics Approaches Hold Potential for the Risk Assessment of Metabolism-Disrupting Chemicals as Omics-Based NAM: A Case Study Using the Phthalate Substitute DINCH. *Environmental science & technology*, 59(31), 16193.

Golbabaie A, et al. (2025) Neurogenesis-dependent transformation of hippocampal memory traces during systems consolidation. *Current biology : CB*.

Aldridge DL, et al. (2025) IL-27 limits HSPC differentiation during infection and protects from stem cell exhaustion. *eLife*, 14.

Hargarten JC, et al. (2025) Pathway-instructed therapeutic selection of ruxolitinib reduces neuroinflammation in fungal postinfectious inflammatory syndrome. *Science advances*, 11(12), eadi9885.