

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

C57BL/6NCrI

RRID:IMSR_CRL:027

Type: Organism

Proper Citation

RRID:IMSR_CRL:027

Organism Information

URL: <http://www.criver.com/products-services/basic-research/find-a-model/c57bl-6n-mouse>

Proper Citation: RRID:IMSR_CRL:027

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

Species: Mus musculus

Synonyms: C57BL/6NCrIBr. C57BL/6NCrIBR

Notes: gene symbol note: ; inbred strain:

Catalog Number: CRL:027

Database: Charles River Laboratories

Database Abbreviation: CRL

Availability: live

Organism Name: C57BL/6NCrI

Record Creation Time: 20250513T062409+0000

Record Last Update: 20260808T055927+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6NCrI.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Charles River Laboratories

Usage and Citation Metrics

We found 1259 mentions in open access literature.

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

Jahovic N, et al. (2026) RIC-3 Interacts Directly with the 5-HT3A Receptor to Mediate Trafficking Across Subcellular Compartments. *bioRxiv : the preprint server for biology*.

Yang L, et al. (2026) Differential effects of focused ultrasound neuromodulation in Parkinson's disease mice versus healthy mice. *Journal of neural engineering*, 23(1).

Lindenstrøm T, et al. (2026) Expression of CD103 facilitates localization and activation of CD4+ T cells within Mycobacterium tuberculosis lung-lesions. *Mucosal immunology*, 19(2), 1937.

Kalampalika F, et al. (2026) Chemotherapy-driven expression of WNT ligands in bone marrow stromal cells contributes to chemoresistance in acute lymphoblastic leukaemia. *British journal of haematology*, 208(5), 1572.

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

Suzuki M, et al. (2026) IL-22 promotes genesis of small intestinal secretory cells that protect against cholera in mice. *Nature microbiology*, 11(7), 1949.

Sabbioni S, et al. (2026) Targeting metabolic vulnerabilities: REV-ERB agonist SR9009 potentiates sorafenib efficacy in liver cancer. *Cell death discovery*, 12(1), 86.

LaFrancois JJ, et al. (2026) Chemogenetic activation of hippocampal area CA2 promotes acute and chronic seizures in a mouse model of epilepsy. *Neurobiology of disease*, 107256.

Zhu Q, et al. (2026) Proliferation, migration, and differentiation of circulating ILC precursors in HBV infection-associated fibrosis. *European journal of medical research*, 31(1), 196.

Afanaseva E, et al. (2026) Toxoplasma effector GRA15-driven CCL5 secretion enhances brain parasite load through microvascular sequestration of phagocytes. *mBio*, 17(2), e0344425.

Williams EC, et al. (2026) Spatially resolved integrative analysis of transcriptomic and metabolomic changes in tissue injury studies. *Nature communications*, 17(1), 205.

Abdul Halim I, et al. (2026) SK channel upregulation and sex-specific mechanisms drive spinal motoneuron reduced excitability with age. *Frontiers in aging neuroscience*, 18, 1687226.

Fouani Y, et al. (2026) Deep-sequencing-guided library screening and profiling of AAV capsids in the primate retina. *Molecular therapy. Advances*, 34(3), 201764.

Biswas D, et al. (2026) Common and distinct roles of AMPK α isoforms in small-molecule activator-stimulated glucose uptake in mouse skeletal muscle. *Molecular metabolism*, 103, 102294.

Alharbi AS, et al. (2026) 2'-O-Methyl-guanosine RNA fragments antagonize TLR7 and TLR8 to limit autoimmunity. *Nature immunology*, 27(4), 762.

Dabo AJ, et al. (2026) CXCL11 levels regulate lung Treg responses to deter the onset of HIV-related COPD. *Respiratory research*, 27(1).

Rodriguez ME, et al. (2026) Brain endothelial spheroids and cortical organoids reveal the impact of *Toxoplasma gondii* lineage and host-phagocyte-pathogen interactions on colonization. *Cellular and molecular life sciences : CMLS*, 83(1), 86.

Pizzano M, et al. (2026) A transient receptor potential vanilloid 1-dependent corneal-trigeminal neuroinflammatory circuit promotes corneal neuropathy. *Experimental & molecular medicine*, 58(2), 605.

Akana RV, et al. (2026) High-content CRISPR activation screens identify synthetically lethal RNA-based mechanisms to sensitize cancer cells to targeted T cell cytotoxicity. *Nature genetics*, 58(4), 841.

Kasahara T, et al. (2026) Highly polymorphic copy number variation in a segmental duplication in the mouse pseudoautosomal region even within inbred laboratory strains. *Proceedings of the Japan Academy. Series B, Physical and biological sciences*, 102(3), 129.