

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

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: International Mouse Resource Center IMSR, CRL

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_CRL:27

Organism Name: C57BL/6NCrI

Record Creation Time: 20230509T195800+0000

Record Last Update: 20240104T193844+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6NCrl.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, CRL

Usage and Citation Metrics

We found 1012 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Friedman TN, et al. (2025) Plasticity of Mouse Dorsal Root Ganglion Neurons by Innate Immune Activation Is Influenced by Electrophysiological Activity. *Journal of neurochemistry*, 169(1), e16292.

Teo W, et al. (2025) Quantitation of the physicochemical properties of myelin using Nile Red fluorescence spectroscopy. *Journal of neurochemistry*, 169(1), e16203.

Düchs MJ, et al. (2024) Riboswitch-controlled IL-12 gene therapy reduces hepatocellular cancer in mice. *Frontiers in immunology*, 15, 1360063.

Turkova T, et al. (2024) Differential requirements for Smarca5 expression during hematopoietic stem cell commitment. *Communications biology*, 7(1), 244.

Luo M, et al. (2024) Rapid Self-Assembly Mini-Livers Protect Mice Against Severe Hepatectomy-Induced Liver Failure. *Advanced science (Weinheim, Baden-Wurtemberg, Germany)*, 11(21), e2309166.

Mao X, et al. (2024) Transfer of modified gut viromes improves symptoms associated with metabolic syndrome in obese male mice. *Nature communications*, 15(1), 4704.

Mishra PS, et al. (2024) Inhibition of NF- κ B with an Analog of Withaferin-A Restores TDP-43 Homeostasis and Proteome Profiles in a Model of Sporadic ALS. *Biomedicines*, 12(5).

Lind-Holm Mogensen F, et al. (2024) PARK7/DJ-1 deficiency impairs microglial activation in response to LPS-induced inflammation. *Journal of neuroinflammation*, 21(1), 174.

Pajski ML, et al. (2024) Longitudinal Decline of Exercise Capacity in Male and Female Mice. *bioRxiv : the preprint server for biology*.

Adamberg S, et al. (2024) Reproducible chemostat cultures to minimize eukaryotic viruses from fecal transplant material. *iScience*, 27(8), 110460.

Kulow VA, et al. (2024) Galectin-3 protects distal convoluted tubules in rhabdomyolysis-induced kidney injury. *Pflugers Archiv : European journal of physiology*, 476(10), 1571.

Luan Y, et al. (2024) KIT in oocytes: a key factor for oocyte survival and reproductive lifespan. *EBioMedicine*, 106, 105263.

Talvi S, et al. (2024) Embigin deficiency leads to delayed embryonic lung development and high neonatal mortality in mice. *iScience*, 27(2), 108914.

Canali S, et al. (2024) Lipid-encapsulated mRNA encoding an extended serum half-life interleukin-22 ameliorates metabolic disease in mice. *Molecular metabolism*, 86, 101965.

Nagel M, et al. (2024) Deciphering the chemical language of inbred and wild mouse conspecific scents. *eLife*, 12.

Koo D, et al. (2024) Optimizing cell therapy by sorting cells with high extracellular vesicle secretion. *Nature communications*, 15(1), 4870.

Franzén L, et al. (2024) Mapping spatially resolved transcriptomes in human and mouse pulmonary fibrosis. *Nature genetics*, 56(8), 1725.

Takeshima T, et al. (2024) Restoration of thymic T-cell development by bone marrow transplantation in mouse radiation lymphomagenesis. *Journal of radiation research*, 65(4), 555.

Abassah-Oppong S, et al. (2024) A gene desert required for regulatory control of pleiotropic *Shox2* expression and embryonic survival. *Nature communications*, 15(1), 8793.

Chofflet N, et al. (2024) Structural and functional characterization of the IgSF21-neurexin2? complex and its related signaling pathways in the regulation of inhibitory synapse organization. *Frontiers in molecular neuroscience*, 17, 1371145.