

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

C3H/HeNCrI

RRID:IMSR_CRL:025

Type: Organism

Proper Citation

RRID:IMSR_CRL:025

Organism Information

URL: <http://www.criver.com/products-services/basic-research/find-a-model/c3h-mouse>

Proper Citation: RRID:IMSR_CRL:025

Description: Mus musculus with name C3H/HeNCrI from IMSR.

Species: Mus musculus

Synonyms: C3H/HeNCrIBr

Notes: gene symbol note: ; inbred strain:

Catalog Number: CRL:025

Database: Charles River Laboratories

Database Abbreviation: CRL

Availability: live

Organism Name: C3H/HeNCrI

Record Creation Time: 20250513T062409+0000

Record Last Update: 20260815T055927+0000

Ratings and Alerts

No rating or validation information has been found for C3H/HeNCrI.

No alerts have been found for C3H/HeNCrI.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Charles River Laboratories

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Adani E, et al. (2026) Modulation of Aerobic Glycolysis Genes During the Progression of Retinitis Pigmentosa. Investigative ophthalmology & visual science, 67(1), 49.

Anastacio Da Costa Carvalho L, et al. (2026) RAS(ON) Multiselective Inhibition Drives Antitumor Immunity in Preclinical Models of NRAS-Mutant Melanoma. Cancer immunology research, 14(1), 90.

Sun W, et al. (2026) Reconstruction of T cell infiltration in an osteosarcoma PDX-organoid interactive biobank for personalized immunotherapy. Cell reports. Medicine, 7(3), 102644.

Olea XD, et al. (2026) Tryptophan degradation by intestinal Bacteroides induces anti-tumor immunity and limits melanoma growth. Cell reports. Medicine, 7(7), 102921.

Cheng Z, et al. (2026) Discovery of a peripherally restricted ??2AAR agonist as a safe and broad-spectrum oral analgesic. Cell reports. Medicine, 7(7), 102864.

Pitt N, et al. (2025) Bacterial membrane vesicles restore gut anaerobiosis. NPJ biofilms and microbiomes, 11(1), 48.

Xie M, et al. (2025) BAM8-22 targets spinal MrgC receptors to modulate UPRmt activity in the mechanism of bone cancer pain. Frontiers in pharmacology, 16, 1575733.

Phadke MS, et al. (2025) Identification of anti-TIM-3 based checkpoint inhibitor combinations with activity in immunotherapy refractory melanoma models. Journal for immunotherapy of cancer, 13(8).

Al-Jabri MY, et al. (2025) Prior immunity to Ureaplasma urealyticum protects against respiratory infection in immunosuppressed mice. Microbiology spectrum, 13(1), e0176324.

Sampson JF, et al. (2025) CD38-targeted attenuated interferon alpha immunocytokine activates both innate and adaptive immune cells to drive anti-tumor activity. PloS one, 20(5), e0321622.

Nakayama T, et al. (2025) Calorie restriction in radiation-exposed mice affects the expression of autophagy-related protein p62. BMC cancer, 25(1), 1388.

Mu H, et al. (2025) Methionine intervention induces PD-L1 expression to enhance the immune checkpoint therapy response in MTAP-deleted osteosarcoma. Cell reports. Medicine, 6(3), 101977.

Gutierrez MP, et al. (2024) Antibody-mediated immunological memory correlates with long-term Lyme veterinary vaccine protection in mice. *Vaccine*, 42(24), 126084.

Masuda C, et al. (2024) PD-L1 and VEGF dual blockade enhances anti-tumor effect on brain metastasis in hematogenous metastasis model. *Clinical & experimental metastasis*, 41(6), 909.

Sayson SG, et al. (2024) *Pneumocystis murina* promotes inflammasome formation and NETosis during *Pneumocystis pneumonia*. *mBio*, 15(8), e0140924.

Chen H, et al. (2024) Cytoprotective role of human dental pulp stem cell-conditioned medium in chemotherapy-induced alopecia. *Stem cell research & therapy*, 15(1), 84.

Groshong AM, et al. (2024) The plasmid-encoded members of paralogous gene family 52 are dispensable to the enzootic cycle of *Borrelia burgdorferi*. *Infection and immunity*, 92(10), e0021424.

Patterson MT, et al. (2023) Murine allogeneic CAR T cells integrated before or early after posttransplant cyclophosphamide exert antitumor effects. *Blood*, 141(6), 659.

Guo C, et al. (2023) Targeting the PRC2-dependent epigenetic program alleviates urinary tract infections. *iScience*, 26(6), 106925.

Tamari T, et al. (2023) A universal method for generating knockout mice in multiple genetic backgrounds using zygote electroporation. *Biology open*, 12(9).