

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

Crl:CD1(ICR)

RRID:IMSR_CRL:022

Type: Organism

Proper Citation

RRID:IMSR_CRL:022

Organism Information

URL: <http://www.criver.com/products-services/basic-research/find-a-model/cd-1-mouse>

Proper Citation: RRID:IMSR_CRL:022

Description: Mus musculus with name Crl:CD1(ICR) from IMSR.

Species: Mus musculus

Synonyms: CD-1

Notes: gene symbol note: ; outbred stock:

Catalog Number: CRL:022

Database: Charles River Laboratories

Database Abbreviation: CRL

Availability: live

Organism Name: Crl:CD1(ICR)

Record Creation Time: 20250513T062409+0000

Record Last Update: 20260725T053145+0000

Ratings and Alerts

No rating or validation information has been found for Crl:CD1(ICR).

No alerts have been found for Crl:CD1(ICR).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Charles River Laboratories

Usage and Citation Metrics

We found 6483 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Oakes DK, et al. (2026) A mouse model for cerebral/cortical visual impairment (CVI) impairs vision and disrupts the spatial frequency tuning of neurons in visual cortex. *Experimental neurology*, 115648.

McAdams Z, et al. (2026) Biological and technical variability in mouse microbiota analysis and implications for sample size determination. *Lab animal*, 55(1), 29.

Shen D, et al. (2026) Direct and indirect neurogenesis from radial glial progenitor cell clones in the mouse neocortex. *The EMBO journal*, 45(1), 182.

Mahmud A, et al. (2026) Stress-Induced Dysregulation of the Guidance Cue Receptor DCC Alters Corticolimbic Circuit Architecture. *Biological psychiatry global open science*, 6(1), 100629.

Landes RE, et al. (2026) Chewable Tablets for Precise Unit Dosing of Animals. *Journal of pharmaceutical innovation*, 21(1), 81.

Goldberg AR, et al. (2025) Glioma-induced alterations in excitatory neurons are reversed by mTOR inhibition. *Neuron*, 113(6), 858.

Rios Coronado PE, et al. (2025) CXCL12 drives natural variation in coronary artery anatomy across diverse populations. *Cell*, 188(7), 1784.

Zhang J, et al. (2025) Acetylation at lysine 27 on maternal H3.3 regulates minor zygotic genome activation. *Cell reports*, 44(1), 115148.

Zawadzki ME, et al. (2025) Fluid-Niche and Microglial Signatures Prime Robust Intraventricular Macrophage Response to Blood During Brain Development. *bioRxiv : the preprint server for biology*.

Liu M, et al. (2025) A *Vibrio*-specific T6SS effector reshapes microbial competition by disrupting *Vibrio* bioenergetics. *Cell host & microbe*, 33(7), 1146.

Tsukahara T, et al. (2025) Division of labor among H3K4 methyltransferases defines distinct facets of homeostatic plasticity. *Cell reports*, 44(6), 115746.

Ben-Simon Y, et al. (2025) A suite of enhancer AAVs and transgenic mouse lines for genetic access to cortical cell types. *Cell*, 188(11), 3045.

Anbarci DN, et al. (2025) Rediscovering the rete ovarii, a secreting auxiliary structure to the ovary. *eLife*, 13.

He W, et al. (2025) IGF1 Signaling Regulates Neuropeptide Expression in Hypothalamic Neurons Under Physiological and Pathological Conditions. *Endocrinology*, 166(5).

Riezk A, et al. (2025) Comparative assessment of macrophage responses and antileishmanial efficacy in dynamic vs. Static culture systems utilizing chitosan-based formulations. *PloS one*, 20(3), e0319610.

Lewis RW, et al. (2025) Dominant MLC-causing mutations alter hepaCAM subcellular localization and protein interactome in astrocytes of the developing mouse cortex. *bioRxiv : the preprint server for biology*.

Xu W, et al. (2025) Altered Glut4, IRAP, and Brain Insulin Signaling in a Mouse Model of Epilepsy and Contributions to Glucose Transport in Neurons and Astrocytes. *Journal of neurochemistry*, 169(12), e70320.

Flury A, et al. (2025) A neurodegenerative cellular stress response linked to dark microglia and toxic lipid secretion. *Neuron*, 113(4), 554.

Salazar MPR, et al. (2025) Mitochondrial fission controls astrocyte morphogenesis and organization in the cortex. *bioRxiv : the preprint server for biology*.

Marymonchyk A, et al. (2025) Neural stem cell quiescence and activation dynamics are regulated by feedback input from their progeny under homeostatic and regenerative conditions. *Cell stem cell*, 32(3), 445.