

Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

C57BL/6NCrICrlj

RRID:MGI:5882838

Type: Organism

Proper Citation

RRID:MGI:5882838

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:5882838>

Proper Citation: RRID:MGI:5882838

Description: laboratory mouse with name C57BL/6NCrICrlj from MGI.

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 5882838

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6NCrICrlj

Record Creation Time: 20230227T022321+0000

Record Last Update: 20260829T203606+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6NCrICrlj.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Kim Y, et al. (2024) Fecal microbiota transplantation improves anti-PD-1 inhibitor efficacy in unresectable or metastatic solid cancers refractory to anti-PD-1 inhibitor. *Cell host & microbe*, 32(8), 1380.

Nakayama T, et al. (2023) Calorie restriction alters the mechanisms of radiation-induced mouse thymic lymphomagenesis. *PloS one*, 18(1), e0280560.

Balan S, et al. (2021) Role of an Atypical Cadherin Gene, *Cdh23* in Prepulse Inhibition, and Implication of *CDH23* in Schizophrenia. *Schizophrenia bulletin*, 47(4), 1190.

Kondoh T, et al. (2020) Intake and preference for dried bonito dashi in male Sprague-Dawley rats and C57BL/6?N mice. *Physiology & behavior*, 213, 112708.

Okawa A, et al. (2020) Differential expression of DNA-dependent protein kinase catalytic subunit in the brain of neonatal mice and young adult mice. *Proceedings of the Japan Academy. Series B, Physical and biological sciences*, 96(5), 171.

Tachibana H, et al. (2020) Early induction and increased risk of precursor B-cell neoplasms after exposure of infant or young-adult mice to ionizing radiation. *Journal of radiation research*, 61(5), 648.

Beuckmann CT, et al. (2019) Preclinical in vivo characterization of lemborexant (E2006), a novel dual orexin receptor antagonist for sleep/wake regulation. *Sleep*, 42(6).

Ariza Y, et al. (2019) Bruton's tyrosine kinase (Btk) inhibitor tirabrutinib suppresses osteoclastic bone resorption. *Bone reports*, 10, 100201.

Matsuo-Tezuka Y, et al. (2019) T2 ? Relaxation Time Obtained from Magnetic Resonance Imaging of the Liver Is a Useful Parameter for Use in the Construction of a Murine Model of Iron Overload. *Contrast media & molecular imaging*, 2019, 7463047.

Lee YA, et al. (2018) The Effects of Housing Density on Social Interactions and Their Correlations with Serotonin in Rodents and Primates. *Scientific reports*, 8(1), 3497.

Moll S, et al. (2018) Selective pharmacological inhibition of DDR1 prevents experimentally-induced glomerulonephritis in prevention and therapeutic regime. *Journal of translational medicine*, 16(1), 148.

Blyth BJ, et al. (2015) Genetic Analysis of T Cell Lymphomas in Carbon Ion-Irradiated Mice Reveals Frequent Interstitial Chromosome Deletions: Implications for Second Cancer Induction in Normal Tissues during Carbon Ion Radiotherapy. *PloS one*, 10(6), e0130666.

Yamanaka H, et al. (2015) *Helicobacter* sp. MIT 01-6451 infection during fetal and neonatal life in laboratory mice. *Experimental animals*, 64(4), 375.

Maekawa M, et al. (2015) Investigation of the fatty acid transporter-encoding genes SLC27A3 and SLC27A4 in autism. *Scientific reports*, 5, 16239.

Shimamoto C, et al. (2014) Functional characterization of FABP3, 5 and 7 gene variants identified in schizophrenia and autism spectrum disorder and mouse behavioral studies. *Human molecular genetics*, 23(24), 6495.

Orikawa Y, et al. (2010) Z-360, a novel therapeutic agent for pancreatic cancer, prevents up-regulation of ephrin B1 gene expression and phosphorylation of NR2B via suppression of interleukin-1 β production in a cancer-induced pain model in mice. *Molecular pain*, 6, 72.

Matsuo N, et al. (2010) Behavioral profiles of three C57BL/6 substrains. *Frontiers in behavioral neuroscience*, 4, 29.

Watanabe A, et al. (2007) Fabp7 maps to a quantitative trait locus for a schizophrenia endophenotype. *PLoS biology*, 5(11), e297.