

Resource Summary Report

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

either: (involves: C57BL/6 * CBA) or (involves: BALB/c * C57BL/6 * CBA) or (involves: C57BL/6 * CBA * ICR)

RRID:MGI:5656552

Type: Organism

Proper Citation

RRID:MGI:5656552

Organism Information

URL:

Proper Citation: RRID:MGI:5656552

Description: Strain Type: Not Specified This is a legacy resource.

Species: laboratory mouse

Notes: Strain Type: Not Specified This is a legacy resource.

Catalog Number: 5656552

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: either: (involves: C57BL/6 * CBA) or (involves: BALB/c * C57BL/6 * CBA) or (involves: C57BL/6 * CBA * ICR)

Record Creation Time: 20240120T185956+0000

Record Last Update: 20240130T201635+0000

Ratings and Alerts

No rating or validation information has been found for either: (involves: C57BL/6 * CBA) or (involves: BALB/c * C57BL/6 * CBA) or (involves: C57BL/6 * CBA * ICR).

No alerts have been found for either: (involves: C57BL/6 * CBA) or (involves: BALB/c * C57BL/6 * CBA) or (involves: C57BL/6 * CBA * ICR).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 47 mentions in open access literature.

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

Esteves IM, et al. (2026) Environmental enrichment accelerates the stabilization of cortical representation during de novo learning. *iScience*, 29(1), 114487.

Jiménez-Herrera R, et al. (2023) Systematic characterization of a non-transgenic A β 1-42 amyloidosis model: synaptic plasticity and memory deficits in female and male mice. *Biology of sex differences*, 14(1), 59.

Yam AO, et al. (2023) Neutrophil Conversion to a Tumor-Killing Phenotype Underpins Effective Microbial Therapy. *Cancer research*, 83(8), 1315.

Esteves IM, et al. (2023) Consolidation of cellular memory representations in superficial neocortex. *iScience*, 26(2), 105970.

Lowet E, et al. (2023) Theta and gamma rhythmic coding through two spike output modes in the hippocampus during spatial navigation. *Cell reports*, 42(8), 112906.

Xing Y, et al. (2022) Convallatoxin inhibits IL-1 β production by suppressing zinc finger protein 91 (ZFP91)-mediated pro-IL-1 β ubiquitination and caspase-8 inflammasome activity. *British journal of pharmacology*, 179(9), 1887.

Wies Mancini VSB, et al. (2022) Colony-stimulating factor-1 receptor inhibition attenuates microgliosis and myelin loss but exacerbates neurodegeneration in the chronic cuprizone model. *Journal of neurochemistry*, 160(6), 643.

Westermann-Clark E, et al. (2022) Matrix Metalloproteinase 7 Expression and Apical Epithelial Defects in Atp8b1 Mutant Mouse Model of Pulmonary Fibrosis. *Biomolecules*, 12(2).

Lv Q, et al. (2021) MicroRNA-3473b regulates the expression of TREM2/ULK1 and inhibits autophagy in inflammatory pathogenesis of Parkinson disease. *Journal of neurochemistry*, 157(3), 599.

Feng Y, et al. (2021) GTW inhibits the Epithelial to Mesenchymal Transition of Epithelial Ovarian Cancer via ILK/AKT/GSK3 β /Slug Signalling Pathway. *Journal of Cancer*, 12(5), 1386.

Koppel SJ, et al. (2021) A ketogenic diet differentially affects neuron and astrocyte transcription. *Journal of neurochemistry*, 157(6), 1930.

Jia Q, et al. (2021) Transient Receptor Potential channels, TRPV1 and TRPA1 in melanocytes synergize UV-dependent and UV-independent melanogenesis. *British journal of pharmacology*, 178(23), 4646.

Tsika C, et al. (2021) Quantification of BNN27, a novel neuroprotective 17-spiroepoxy dehydroepiandrosterone derivative in the blood and retina of rodents, after single intraperitoneal administration. *Pharmacology research & perspectives*, 9(2), e00724.

Xiao S, et al. (2021) Large-scale voltage imaging in behaving mice using targeted illumination. *iScience*, 24(11), 103263.

Djebari S, et al. (2021) G-Protein-Gated Inwardly Rectifying Potassium (Kir3/GIRK) Channels Govern Synaptic Plasticity That Supports Hippocampal-Dependent Cognitive Functions in Male Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(33), 7086.

Xie X, et al. (2021) Pharmacological preconditioning by TERT inhibitor BIBR1532 confers neuronal ischemic tolerance through TERT-mediated transcriptional reprogramming. *Journal of neurochemistry*, 159(4), 690.

Espírito-Santo S, et al. (2021) Astrocytes as a target for Nogo-A and implications for synapse formation in vitro and in a model of acute demyelination. *Glia*, 69(6), 1429.

Mlinac-Jerkovic K, et al. (2021) Who's in, who's out? Re-evaluation of lipid raft residents. *Journal of neurochemistry*, 158(3), 657.

Innocenzi E, et al. (2021) Aerobic Exercise Induces Alternative Splicing of Neurexins in Frontal Cortex. *Journal of functional morphology and kinesiology*, 6(2).

Qiao CM, et al. (2020) Sodium Butyrate Exacerbates Parkinson's Disease by Aggravating Neuroinflammation and Colonic Inflammation in MPTP-Induced Mice Model. *Neurochemical research*, 45(9), 2128.