

Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

either: (involves: BALB/cJ * C57BL/6J) or (involves: C3H/HeN * C57BL/6J) or (C57BL/6J * DBA/2J) or (involves: C57BL/6J * FVB/NJ) or (involves: C57BL/6J * NOD/ShiLtJ)

RRID:MGI:5657312

Type: Organism

Proper Citation

RRID:MGI:5657312

Organism Information

URL:

Proper Citation: RRID:MGI:5657312

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: 5657312

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: either: (involves: BALB/cJ * C57BL/6J) or (involves: C3H/HeN * C57BL/6J) or (C57BL/6J * DBA/2J) or (involves: C57BL/6J * FVB/NJ) or (involves: C57BL/6J * NOD/ShiLtJ)

Record Creation Time: 20240120T185952+0000

Record Last Update: 20240130T201631+0000

Ratings and Alerts

No rating or validation information has been found for either: (involves: BALB/cJ * C57BL/6J) or (involves: C3H/HeN * C57BL/6J) or (C57BL/6J * DBA/2J) or (involves: C57BL/6J * FVB/NJ) or (involves: C57BL/6J * NOD/ShiLtJ).

No alerts have been found for either: (involves: BALB/cJ * C57BL/6J) or (involves: C3H/HeN * C57BL/6J) or (C57BL/6J * DBA/2J) or (involves: C57BL/6J * FVB/NJ) or (involves: C57BL/6J * NOD/ShiLtJ).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Xie Y, et al. (2025) Inhibition of Mettl3 alleviates low-dose cisplatin-induced renal fibrosis and enhances the chemotherapeutic efficacy in mouse models of cancer. International journal of biological sciences, 21(10), 4293.

Cotellessa L, et al. (2025) Preventing and correcting polycystic ovary syndrome by targeting anti-Müllerian hormone signaling in minipuberty and adulthood in mice. Cell metabolism, 37(6), 1260.

Hu Y, et al. (2022) Expression pattern of NLRC5 in the postnatal mouse brain. Acta histochemica, 124(7), 151939.

Scaricamazza S, et al. (2022) Repurposing of Trimetazidine for amyotrophic lateral sclerosis: A study in SOD1G93A mice. British journal of pharmacology, 179(8), 1732.

Li J, et al. (2022) Mechanism of Stat1 in the neuronal Ca²⁺ overload after intracerebral hemorrhage via the H3K27ac/Trpm7 axis. Journal of neurophysiology, 128(1), 253.

Li X, et al. (2022) DsbA-L interacts with VDAC1 in mitochondrion-mediated tubular cell apoptosis and contributes to the progression of acute kidney disease. EBioMedicine, 76, 103859.

Delgado-Calle J, et al. (2022) The Notch pathway regulates the bone gain induced by PTH anabolic signaling. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 36(3), e22196.

Imbernon M, et al. (2022) Tanycytes control hypothalamic liraglutide uptake and its anti-obesity actions. Cell metabolism, 34(7), 1054.

Li H, et al. (2022) Interleukin-18 mediated inflammatory brain injury after intracerebral hemorrhage in male mice. Journal of neuroscience research, 100(6), 1359.

Mattila SO, et al. (2021) GPR37 is processed in the N-terminal ectodomain by ADAM10 and furin. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(6), e21654.

Dai XX, et al. (2021) CNOT6/6L-mediated mRNA degradation in ovarian granulosa cells is a key mechanism of gonadotropin-triggered follicle development. *Cell reports*, 37(7), 110007.

Libbrecht S, et al. (2021) Chronic chemogenetic stimulation of the anterior olfactory nucleus reduces newborn neuron survival in the adult mouse olfactory bulb. *Journal of neurochemistry*, 158(5), 1186.

Brown ML, et al. (2021) FSTL3-Neutralizing Antibodies Enhance Glucose-Responsive Insulin Secretion in Dysfunctional Male Mouse and Human Islets. *Endocrinology*, 162(10).

Amini-Farsani Z, et al. (2020) The impact of miR-183/182/96 gene regulation on the maturation, survival, and function of photoreceptor cells in the retina. *The Journal of comparative neurology*, 528(9), 1616.

Hu Y, et al. (2020) MiR34a Regulates Neuronal MHC Class I Molecules and Promotes Primary Hippocampal Neuron Dendritic Growth and Branching. *Frontiers in cellular neuroscience*, 14, 573208.

Dos Santos RS, et al. (2020) Involvement of the Hsp70/TLR4/IL-6 and TNF- α pathways in delayed-onset muscle soreness. *Journal of neurochemistry*, 155(1), 29.

Li P, et al. (2020) Neuronal NLRC5 regulates MHC class I expression in Neuro-2a cells and also during hippocampal development. *Journal of neurochemistry*, 152(2), 182.

Leinonen H, et al. (2020) Homeostatic plasticity in the retina is associated with maintenance of night vision during retinal degenerative disease. *eLife*, 9.

Schwiebs A, et al. (2020) The virtually mature B-type natriuretic peptide (BNP1-32) is a precursor for the more effective BNP1-30. *British journal of pharmacology*, 177(6), 1424.

Busquets O, et al. (2019) Role of brain c-Jun N-terminal kinase 2 in the control of the insulin receptor and its relationship with cognitive performance in a high-fat diet pre-clinical model. *Journal of neurochemistry*, 149(2), 255.