

Resource Summary Report

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C57BL/6

RRID:MGI:2159769

Type: Organism

Proper Citation

RRID:MGI:2159769

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2159769>

Proper Citation: RRID:MGI:2159769

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

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2159769

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6

Ratings and Alerts

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

No alerts have been found for C57BL/6.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 470 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Yao J, et al. (2024) Prefrontal projections modulate recurrent circuitry in the insular cortex to support short-term memory. *Cell reports*, 43(2), 113756.

Sirisereephap K, et al. (2024) A novel macrolide-Del-1 axis to regenerate bone in old age. *iScience*, 27(2), 108798.

Martin Flores N, et al. (2024) Downregulation of Dickkopf-3, a Wnt antagonist elevated in Alzheimer's disease, restores synapse integrity and memory in a disease mouse model. *eLife*, 12.

Edwin RK, et al. (2024) TGS1/PIMT knockdown reduces lipid accumulation in adipocytes, limits body weight gain and promotes insulin sensitivity in mice. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(1), 166896.

Zhang C, et al. (2024) Non-alcoholic fatty liver disease promotes liver metastasis of colorectal cancer via fatty acid synthase dependent EGFR palmitoylation. *Cell death discovery*, 10(1), 41.

Cerbantez-Bueno V, et al. (2024) Prolactin promotes the recruitment of main olfactory bulb cells and enhances the behavioral exploration toward a socio-sexual stimulus in female mice. *Hormones and behavior*, 162, 105527.

Kilfeather P, et al. (2024) Single-cell spatial transcriptomic and translatomic profiling of dopaminergic neurons in health, aging, and disease. *Cell reports*, 43(3), 113784.

Granton E, et al. (2024) Biofilm exopolysaccharides alter sensory-neuron-mediated sickness during lung infection. *Cell*.

Jaramillo JCM, et al. (2024) Oxytocin-receptor-expressing neurons in the lateral parabrachial nucleus activate widespread brain regions predominantly involved in fluid satiation. *Journal of chemical neuroanatomy*, 137, 102403.

Jiang S, et al. (2024) APOE from patient-derived astrocytic extracellular vesicles alleviates neuromyelitis optica spectrum disorder in a mouse model. *Science translational medicine*, 16(736), eadg5116.

Peng R, et al. (2024) Investigating HMGB1 as a potential serum biomarker for early diabetic

nephropathy monitoring by quantitative proteomics. *iScience*, 27(2), 108834.

Tang Q, et al. (2024) Reduced circ_Irrc49 in trigeminal ganglion contributes to neuropathic pain in mice by downregulating Ist1 and impairing autophagy. *Journal of neurochemistry*.

Martínez-Coria H, et al. (2024) Morin improves learning and memory in healthy adult mice. *Brain and behavior*, 14(2), e3444.

Hagenbeek TJ, et al. (2023) An allosteric pan-TEAD inhibitor blocks oncogenic YAP/TAZ signaling and overcomes KRAS G12C inhibitor resistance. *Nature cancer*, 4(6), 812.

Rosito M, et al. (2023) Microglia reactivity entails microtubule remodeling fromacentrosomal to centrosomal arrays. *Cell reports*, 42(2), 112104.

Jaime-Lara RB, et al. (2023) A systematic review of the biological mediators of fat taste and smell. *Physiological reviews*, 103(1), 855.

Bagley JR, et al. (2023) Neuron Navigator 1 (Nav1) regulates the response to cocaine in mice. *Communications biology*, 6(1), 1053.

Santatusagna S, et al. (2023) Master Transcription Factor Reprogramming Unleashes Selective Translation Promoting Castration Resistance and Immune Evasion in Lethal Prostate Cancer. *Cancer discovery*, 13(12), 2584.

Zorea J, et al. (2023) TRAF3 suppression encourages B cell recruitment and prolongs survival of microbiome-intact mice with ovarian cancer. *Journal of experimental & clinical cancer research : CR*, 42(1), 107.

Farah C, et al. (2023) Hyperpolarized 13C-Pyruvate to Assess Response to Anti-PD1 Immune Checkpoint Inhibition in YUMMER 1.7 Melanoma Xenografts. *International journal of molecular sciences*, 24(3).