

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

C57BL/6JOlaHsd

RRID:MGI:2164189

Type: Organism

Proper Citation

RRID:MGI:2164189

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2164189>

Proper Citation: RRID:MGI:2164189

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

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2164189

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6JOlaHsd

Record Creation Time: 20230227T022232+0000

Record Last Update: 20260801T212540+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6JOlaHsd.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 601 mentions in open access literature.

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

Bissett C, et al. (2026) Heterologous mucosal vaccine boosting enhances mucosal and systemic immunity by distinct mechanisms. *The Journal of experimental medicine*, 223(1).

Berkowitz S, et al. (2025) Complement C3a and C5a Receptors Are Presented in Mouse Sciatic and Human Sural Nerves and Selectively Modulate the Neuronal Function of Large-Caliber Fibers in Mice. *Journal of neurochemistry*, 169(6), e70129.

Elia U, et al. (2025) Novel Bivalent mRNA-LNP Vaccine for Highly Effective Protection against Pneumonic Plague. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(26), e2501286.

Bitsch A, et al. (2025) Establishment of an AI-supported scoring system for neuroglial cells. *Frontiers in cellular neuroscience*, 19, 1584422.

Porchietto E, et al. (2025) Pharmacological inhibition of casein kinase II attenuates metaflammation in a murine model of diet-induced metabolic dysfunction. *International journal of molecular medicine*, 56(5).

Ezuz D, et al. (2025) Heme and iron toxicity in the aged spleen impairs T cell immunity through iron deprivation. *Nature aging*, 5(11), 2247.

Machálek T, et al. (2025) The avian schistosome *Trichobilharzia franki* in mice: Migration, pathogenicity, and the host immune response. *Food and waterborne parasitology*, 41, e00289.

Moura LI, et al. (2025) Off-The-Shelf Multivalent Nanoconjugate Cancer Vaccine Rescues Host Immune Response against Melanoma. *Advanced materials (Deerfield Beach, Fla.)*, 37(16), e2417348.

Korenfeld N, et al. (2025) Repeated fasting events sensitize enhancers, transcription factor activity and gene expression to support augmented ketogenesis. *Nucleic acids research*, 53(1).

Nogueira-Recalde U, et al. (2025) Neutralization of acyl CoA binding protein (ACBP) for the experimental treatment of osteoarthritis. *Cell death and differentiation*, 32(8), 1484.

Zoratto F, et al. (2025) Consumption of the Prebiotic-Rich Chicory Taproot Contrasts the Cognitive and Motivational Consequences of Chronic Corticosterone Exposure and Modulates Gut Microbiota Composition in Mice. *Biological psychiatry global open science*, 5(4), 100520.

Mahul-Mellier AL, et al. (2025) Differential role of C-terminal truncations on alpha-synuclein pathology and Lewy body formation. *NPJ Parkinson's disease*, 11(1), 261.

Furse S, et al. (2025) Systemic analyses show that the biosynthesis and spatial distribution of fatty acids, triglycerides and lipids differed in male and female mice and humans. *Open biology*, 15(8), 250198.

Yefet R, et al. (2025) Potent neutralization by antibodies targeting the MPXV A28 protein. *Nature communications*, 16(1), 11455.

McMorrow R, et al. (2025) Combination of Bremachlorin PDT and Immune Checkpoint Inhibitor Anti-PD-1 Shows Response in Murine Immunological T-cell-High and T-cell-Low PDAC Models. *Molecular cancer therapeutics*, 24(4), 605.

Riccitelli S, et al. (2025) Retinal ganglion cells encode the direction of motion outside their classical receptive field. *Proceedings of the National Academy of Sciences of the United States of America*, 122(1), e2415223122.

Zotta A, et al. (2025) Mitochondrial respiratory complex III sustains IL-10 production in activated macrophages and promotes tumor-mediated immune evasion. *Science advances*, 11(4), eadq7307.

De Pablo-Moreno JA, et al. (2025) Development of a novel and viable knock-in factor V deficiency murine model: Utility for an ultra-rare disease. *PloS one*, 20(6), e0321864.

Guedouari H, et al. (2025) Structural and functional characterization of the cardiac mitochondria-associated reticular membranes in the ob/ob mouse model. *Journal of molecular and cellular cardiology plus*, 12, 100453.

García-Arriaza J, et al. (2025) ISG15 as a Potent Immune Adjuvant in MVA-Based Vaccines Against Zika Virus and SARS-CoV-2. *Vaccines*, 13(7).