

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

C57BL/6N

RRID:MGI:2159965

Type: Organism

Proper Citation

RRID:MGI:2159965

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2159965>

Proper Citation: RRID:MGI:2159965

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

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2159965

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6N

Record Creation Time: 20230227T022243+0000

Record Last Update: 20260815T205209+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6N.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 6290 mentions in open access literature.

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

Gao L, et al. (2026) The S100A8/A9 complex promotes food intake and prevents adipose tissue loss during cancer cachexia in mice. *Cell metabolism*, 38(5), 909.

Jullienne A, et al. (2026) Regional brain and cerebrovasculature morphology during normative aging in male and female C57BL/6N mice. *Frontiers in aging neuroscience*, 18, 1852741.

Roegner K, et al. (2026) BPGM shapes NFAT5-driven cellular responses. *Cellular and molecular life sciences : CMLS*, 83(1).

Kokorudz C, et al. (2026) The imprinted Peg3 gene is a potent regulator of the DNA methylome in trophoblast cells. *Stem cell reports*, 103021.

Yoon DE, et al. (2026) Protocol for non-invasive delivery of CRISPR RNPs via virus-like particles for mouse model generation. *STAR protocols*, 7(1), 104352.

Traichel J, et al. (2026) Novel Syngeneic Cell Lines for Studying High-Risk BRAFV600E-Driven Colorectal Cancer In Vivo. *Cancer research communications*, 6(2), 320.

Ruppert PMM, et al. (2026) Dietary sulfur amino acid restriction elicits a cold-like transcriptional response in inguinal but not epididymal white adipose tissue of male mice. *eLife*, 14.

Bellut M, et al. (2026) Identifying the role of NLRP3 inflammasome in stroke progression and outcome before recanalization. *Cell reports. Medicine*, 7(4), 102723.

Chai B, et al. (2026) SMG6's PIN (PiIT N-Terminus) Domain Is Required for Nonsense-Mediated mRNA Decay (NMD) In Vivo. *Cells*, 15(3).

Oshima Y, et al. (2026) Fabrication of boron-containing apatite ceramics via reaction sintering route and their response of lymphocytes for adoptive immunotherapy. *Biomaterials and biosystems*, 21, 100131.

Kim DH, et al. (2026) Red ginseng-derived nanovesicles to modulate osteoblast and osteoclastogenesis for osteoporosis therapy. *Asian journal of pharmaceutical sciences*, 21(3), 101168.

Wegener SM, et al. (2026) Specific imaging of bacterial infection: a translational approach using positron emission tomography and gallium-68-labeled maltohexaose. *Theranostics*, 16(11), 5788.

Zou W, et al. (2026) Adiponectin deficiency drives cerebrovascular dysfunction and synergizes with amyloid-?? to exacerbate alzheimer's pathology. *Alzheimer's research & therapy*, 18(1).

Ji L, et al. (2026) CD177+ neutrophils alleviate acute pancreatitis-associated lung injury by protecting colonic barrier and restoring gut microbiota. Cellular and molecular life sciences : CMLS, 83(1).

Karavaeva I, et al. (2026) Mitochondrial carrier SLC25A34 links clock, diet, and temperature control of interorganellar lipid cycling. bioRxiv : the preprint server for biology.

Lin WR, et al. (2026) Magrolimab (Hu5F9-G4) promotes macrophage M1 polarization and is associated with enhanced autophagy in colorectal cancer. Translational oncology, 63, 102598.

Bouchez CL, et al. (2026) The antiseizure medication stiripentol inhibits mitochondrial complex I by blocking early-stage electron transfer. The Journal of biological chemistry, 302(3), 111179.

Matz-Soja M, et al. (2026) Modeling the dynamics of hepatic metabolism: the predominance of 12-hour rhythmicity in metabolic adaptation. Cellular and molecular life sciences : CMLS, 83(1), 55.

Yan J, et al. (2026) The NMDAR/TRPM4 death complex is a major promoter of disease progression in the 5xFAD mouse model of Alzheimer's disease. Molecular psychiatry, 31(2), 635.

Becher MK, et al. (2026) Anatomical and Neuronal Distribution of the G-Coupled Protein Receptor 75 mRNA in the Mouse Central Nervous System. The European journal of neuroscience, 63(4), e70441.