

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

C57BL/6JCrI

RRID:MGI:3775640

Type: Organism

Proper Citation

RRID:MGI:3775640

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:3775640>

Proper Citation: RRID:MGI:3775640

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

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 3775640

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6JCrI

Record Creation Time: 20230227T022142+0000

Record Last Update: 20260905T152059+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6JCrI.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 70 mentions in open access literature.

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

Bojang E, et al. (2026) Vancomycin disrupts mitochondrial morphology and function and impairs macrophage fungal killing. *mBio*, 17(6), e0058026.

Sallard E, et al. (2026) Novel adenovirus vaccine vectors lacking thrombosis-associated interactions with platelet factor 4. *iScience*, 29(1), 114329.

Fu MS, et al. (2026) Organ-specific immune responses are strain-dependent in a mouse model of *Cryptococcus neoformans* brain infection. *Microbiology spectrum*, 14(3), e0251725.

Stephan P, et al. (2026) *Cdkn2a/p16Ink4a* loss impairs Spatial memory independently of Alzheimer's-associated genetic pathways in young adult mice. *Cellular and molecular life sciences : CMLS*, 83(1).

Fliegauf M, et al. (2026) Distinct origins and niches determine the cellular responsiveness of CNS macrophages after repopulation. *Nature immunology*, 27(5), 961.

Stettler F, et al. (2025) Pharmacological Inhibition of c-Jun N-Terminal Kinase Activity Exacerbates Liver Damage in *Schistosoma mansoni* Infected Mice. *Liver international : official journal of the International Association for the Study of the Liver*, 45(9), e70260.

Shimshek DR, et al. (2025) Multiparametric MRI assessment of acute neuroinflammation in a murine model of peripheral LPS stimulation. *BMC medical imaging*, 25(1), 418.

Reck M, et al. (2025) Multiomic analysis of human kidney disease identifies a tractable inflammatory and pro-fibrotic tubular cell phenotype. *Nature communications*, 16(1), 4745.

Hellman AF, et al. (2025) Distinct bone metabolic networks identified in *Phospho1*^{-/-} mice vs. wild type mice using [¹⁸F]FDG total-body PET. *Frontiers in medicine*, 12, 1597844.

Promruk W, et al. (2025) Bone marrow adipose tissue expansion and bone loss in experimental chronic kidney disease is independent of altered bone marrow stromal cell lineage determination. *Frontiers in endocrinology*, 16, 1666681.

Jayash SN, et al. (2025) Osteoblasts sense extracellular levels of phosphate to control the local expression of phosphatases for matrix mineralisation. *Bone reports*, 26, 101863.

Pylaeva E, et al. (2025) G-CSF/NAMPT signaling drives neutrophil dysfunction and enhances bacterial infection susceptibility in cancer patients. *Nature communications*, 16(1), 11137.

Kalpachidou T, et al. (2025) Context dependent role of miR-486 promoting neuroregeneration of primary sensory neurons downstream of interleukin-6 signal transducer. *Molecular therapy. Nucleic acids*, 36(3), 102670.

Murillo-Cuesta S, et al. (2025) Quinolyl nitro 23 Protects from Auditory Cell Oxidative Injury and Noise-Induced Hearing Loss. *ACS pharmacology & translational science*, 8(9), 3007.

Escalera-Balsera A, et al. (2025) A rare haplotype of the GJD3 gene segregating in familial Meniere's disease interferes with connexin assembly. *Genome medicine*, 17(1), 4.

Voetmann LM, et al. (2025) Liraglutide upregulates the Cftr gene and regulates the mucus transcriptome profile in Brunner's glands in mice. *Clinical and translational medicine*, 15(11), e70510.

de la Cruz E, et al. (2025) Epicardial VEGFC/D signaling is essential for coronary lymphangiogenesis. *EMBO reports*, 26(11), 2803.

Purhonen J, et al. (2024) Quantification of all 12 canonical ribonucleotides by real-time fluorogenic in vitro transcription. *Nucleic acids research*, 52(1), e6.

Colomb F, et al. (2024) Heparan sulphate binding controls in vivo half-life of the HpARI protein family. *eLife*, 13.

Junker Mentzel CM, et al. (2024) Low-gainer diet-induced obese microbiota transplanted mice exhibit increased fighting. *Clinical and translational science*, 17(9), e13906.