

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

C57BL/10

RRID:MGI:2159788

Type: Organism

Proper Citation

RRID:MGI:2159788

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2159788>

Proper Citation: RRID:MGI:2159788

Description: laboratory mouse with name C57BL/10 from MGI.

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2159788

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/10

Record Creation Time: 20230227T022129+0000

Record Last Update: 20260815T205013+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/10.

No alerts have been found for C57BL/10.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 407 mentions in open access literature.

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

Zhang J, et al. (2026) IL-4 triggers salivary duct dilatation via SHH signaling and exacerbates Sjögren's disease. *Cell reports*, 45(4), 117132.

Passero LFD, et al. (2026) An Overview of the Factors Related to Leishmania Vaccine Development. *Vaccines*, 14(1).

Teruya K, et al. (2026) Involvement of the spleen in the anti-prion activity of hydroxypropyl methylcellulose in mice. *Scientific reports*, 16(1).

Gomatam CK, et al. (2026) Direct aldosterone stimulation of skeletal muscle fibroblasts changes gene expression and differentially affects fibroblast functions from normal and diseased muscles. *Frontiers in physiology*, 17, 1760238.

Liu H, et al. (2026) Three-dimensional quantitative morphometric analysis (QMA) allows for reproducible and sensitive assessment of bone and joint in a preclinical mouse model of osteoarthritis. *JBMR plus*, 10(7), zia087.

Li N, et al. (2026) Low-dose MyoAAV 2A-mediated delivery of engineered micro-utrophin achieves pan- muscle tissue distribution with elevated muscle function in Duchenne muscular dystrophy. *Journal of translational medicine*, 24(1).

St Pierre CL, et al. (2026) Substrain-specific behavioral variation in female C57BL/6 and C57BL/10 mice. *Frontiers in behavioral neuroscience*, 20, 1805176.

Kishida K, et al. (2026) Immune-induced TCR-like antibodies regulate specific T cell response in mice. *Nature communications*, 17(1).

Dos-Santos JS, et al. (2026) Revisiting the past in light of current knowledge on ?? T cells in leishmaniasis. *Frontiers in immunology*, 17, 1684708.

Blitek M, et al. (2026) Improving angiogenesis ameliorates the efficacy of ASO-based exon skipping for the treatment of Duchenne muscular dystrophy. *Molecular therapy. Nucleic acids*, 37(1), 102834.

Bonani AO, et al. (2026) Anti-Inflammatory and Synaptic Protective Effects of TNF-? Inactivation in the MDX Mouse Model. *Current issues in molecular biology*, 48(3).

Pomeroy J, et al. (2025) Spatiotemporal diversity in molecular and functional abnormalities in the mdx dystrophic brain. *Molecular medicine (Cambridge, Mass.)*, 31(1), 108.

Butcher J, et al. (2025) Dystrophic Skeletal Muscle Phenotypes Can Be Horizontally Transferred via Fecal Microbiome Transplantations. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(23), e71281.

Kato Y, et al. (2025) Inhibition of TRPC3-Nox2 Complex Formation Ameliorates Skeletal Muscle Atrophy. *Antioxidants* (Basel, Switzerland), 15(1).

Rahman J, et al. (2025) A CD4+ T cell-intrinsic complement C5aR2-prostacyclin-IL-1R2 axis orchestrates Th1 cell contraction. *Immunity*, 58(6), 1438.

Nambu Y, et al. (2025) The N-Terminal Fragment of Urine Titin Is Not a Product of Degradation by Calpain 3. *Muscle & nerve*, 71(3), 442.

Krishna S, et al. (2025) Intercellular communication from myotubes to fibroblasts is differentially impacted by mineralocorticoid receptor signaling and muscular dystrophy. *Cell communication and signaling : CCS*, 24(1), 18.

Sowa N, et al. (2025) MicroRNA-33 inhibition ameliorates muscular dystrophy by enhancing skeletal muscle regeneration. *EMBO molecular medicine*, 17(8), 1902.

Parvin A, et al. (2025) Decoding the inflammatory-osteogenic axis in ankylosing spondylitis: mechanisms, dysregulation, and emerging therapeutic interventions. *Frontiers in immunology*, 16, 1633318.

Phongsavanh M, et al. (2025) Valproic Acid Improves Antisense-Mediated Exon-Skipping Efficacy in mdx Mice. *International journal of molecular sciences*, 26(6).