

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

B6C3F1

RRID:MGI:5649814

Type: Organism

Proper Citation

RRID:MGI:5649814

Organism Information

URL:

Proper Citation: RRID:MGI:5649814

Description: Strain Type: Not Specified This is a legacy resource.

Species: laboratory mouse

Notes: Strain Type: Not Specified This is a legacy resource.

Phenotype: (null)

Genomic Alteration: (null)

Catalog Number: 5649814

Background: (null)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Not Available

Organism Name: B6C3F1

Record Creation Time: 20240120T185714+0000

Record Last Update: 20240131T154010+0000

Ratings and Alerts

No rating or validation information has been found for B6C3F1.

No alerts have been found for B6C3F1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 427 mentions in open access literature.

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

Ueda A, et al. (2026) Digital spatial profiling reveals additive effects of triple therapy on tumor microenvironment: anti-PD-L1, anti-VEGF, and PARP inhibition in mouse models. *Cancer immunology, immunotherapy* : CII, 75(3), 70.

Chen F, et al. (2026) Developmental regulation of Erk signaling by mitotic kinases. *Science advances*, 12(2), eadq7469.

Guleed S, et al. (2026) CD8+ T cell responses recognizing immunodominant Chlamydia antigens fail to protect against infection. *iScience*, 29(4), 115242.

Nolte T, et al. (2026) Variable partition of non-homogeneous ooplasm sets the stage for divergent potency of 2-cell stage blastomeres. *Molecular human reproduction*, 32(1).

Inai Y, et al. (2026) C-mannosyl tryptophan dynamics in a mouse model of the peritoneal dissemination of ovarian cancer. *The Journal of biological chemistry*, 302(5), 111359.

Guruciaga PC, et al. (2026) Boundary geometry controls a topological defect transition that determines lumen nucleation in embryonic development. *Nature materials*, 25(7), 1278.

Pires IS, et al. (2026) IL-12-releasing nanoparticles for effective immunotherapy of metastatic ovarian cancer. *Nature materials*, 25(2), 322.

Sloan K, et al. (2026) Genetic analysis of triplicated genes affecting sex-specific skeletal deficits in Down syndrome model mice. *G3 (Bethesda, Md.)*, 16(5).

Ichikawa T, et al. (2026) Boundary-guided cell alignment drives mouse epiblast maturation. *Nature physics*, 22(3), 461.

Terrey M, et al. (2025) Alternating hemiplegia of childhood associated mutations in Atp1a3 reveal diverse neurological alterations in mice. *Neurobiology of disease*, 212, 106954.

Holec SAM, et al. (2025) Co-infection with two α -synuclein strains reveals novel synergistic interactions. *Acta neuropathologica*, 150(1), 50.

Hartwig A, et al. (2025) Naphthalene: MAK Value Documentation, addendum - Translation of the German version from 2022. *The MAK collection for occupational health and safety*, 10(2), Doc033.

Hartwig A, et al. (2025) 2-Mercaptobenzothiazole: MAK Value Documentation, addendum - Translation of the German version from 2022. The MAK collection for occupational health and safety, 10(1), Doc010.

Xiao B, et al. (2025) Treadmill exercise in combination with acousto-optic and olfactory stimulation improves cognitive function in APP/PS1 mice through the brain-derived neurotrophic factor- and Cygb-associated signaling pathways. Neural regeneration research, 20(9), 2706.

Sala S, et al. (2025) Investigating a Systematic and Widespread Misidentification in the Metabolic Profiling Literature: Phenylacetylglutamine and Phenylacetylglycine Signal Misassignment in Proton NMR Spectra of Human and Rodent Urine. Analytical chemistry, 97(43), 24126.

Souder DC, et al. (2025) Neuron-specific isoform of PGC-1 β regulates neuronal metabolism and brain aging. Nature communications, 16(1), 2053.

Hartwig A, et al. (2025) Synthetic amorphous silica: MAK Value Documentation, addendum - Translation of the German version from 2023. The MAK collection for occupational health and safety, 10(4), Doc062.

Hartwig A, et al. (2025) N,N-Dimethyl-p-toluidine: MAK Value Documentation - Translation of the German version from 2022. The MAK collection for occupational health and safety, 10(1), Doc009.

, et al. (2025) Re-assessment of the risks to public health related to the genotoxicity of styrene present in plastic food contact materials. EFSA journal. European Food Safety Authority, 23(6), e9473.

Monfaredan A, et al. (2025) Exosome Enveloped by Nano Lipid Particle a New Model for Signal Transducer and Activator of Transcription 3 Silencer Ribonucleic Acid Delivery System to a Glioblastoma Mice Model. Cancers, 17(10).