

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

B6CBAF1/J

RRID:IMSR_JAX:100011

Type: Organism

Proper Citation

RRID:IMSR_JAX:100011

Organism Information

URL: <https://www.jax.org/strain/100011>

Proper Citation: RRID:IMSR_JAX:100011

Description: Mus musculus with name B6CBAF1/J from IMSR.

Species: Mus musculus

Synonyms: (C57BL/6J x CBA/J)F1/J. (C57BL/6 x CBA)F1/J

Notes: gene symbol note: ; unclassified:

Catalog Number: JAX:100011

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6CBAF1/J

Record Creation Time: 20250513T053915+0000

Record Last Update: 20260725T044606+0000

Ratings and Alerts

No rating or validation information has been found for B6CBAF1/J.

No alerts have been found for B6CBAF1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 98 mentions in open access literature.

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

Chen M, et al. (2025) Dissecting apicoplast functions through continuous cultivation of *Toxoplasma gondii* devoid of the organelle. *Nature communications*, 16(1), 2095.

Mullappilly N, et al. (2025) Phosphate Improves Mitochondrial Function and Reduces Pancreatitis in Hypertriglyceridemia. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(16), e70983.

Sanchez-Vasquez E, et al. (2025) HIF1A-mediated pathways promote euploid cell survival in chromosomally mosaic embryos. *eLife*, 13.

Colcombet-Cazenave B, et al. (2025) Super-resolution mapping of the ankle link proteins ADGRV1 and PDZD7 in developing auditory hair cells. *iScience*, 28(8), 113190.

Dehkordi O, et al. (2025) 1H MRS-based metabolite changes at ventral respiratory control centers of the medulla oblongata following administration of morphine in wild-type and GIRK2 mutant mice. *Current research in physiology*, 8, 100147.

McIntyre TI, et al. (2025) KDM6B-dependent epigenetic programming of uterine fibroblasts in early pregnancy regulates parturition timing in mice. *Cell*, 188(5), 1265.

Roncero-Carol J, et al. (2025) Epithelial cells provide immunocompetence to the early embryo for bacterial clearance. *Cell host & microbe*, 33(7), 1106.

Godeau AL, et al. (2025) Traction force and mechanosensitivity mediate species-specific implantation patterns in human and mouse embryos. *Science advances*, 11(33), eadr5199.

Guerreiro I, et al. (2024) Antagonism between H3K27me3 and genome-lamina association drives atypical spatial genome organization in the totipotent embryo. *Nature genetics*, 56(10), 2228.

Paldino E, et al. (2024) Neuroimmune pathways involvement in neurodegeneration of R6/2 mouse model of Huntington's disease. *Frontiers in cellular neuroscience*, 18, 1360066.

Yu-Taeger L, et al. (2024) Intravenous MSC-Treatment Improves Impaired Brain Functions in the R6/2 Mouse Model of Huntington's Disease via Recovered Hepatic Pathological Changes. *Cells*, 13(6).

Sanchez-Vasquez E, et al. (2024) HIF1A contributes to the survival of aneuploid and mosaic pre-implantation embryos. *bioRxiv : the preprint server for biology*.

Jia S, et al. (2023) The dark kinase STK32A regulates hair cell planar polarity opposite of EMX2 in the developing mouse inner ear. *eLife*, 12.

Alonso-Alonso S, et al. (2023) Blastomeres of 8-cell mouse embryos differ in their ability to generate embryonic stem cells and produce lines with different transcriptional signatures. *Frontiers in cell and developmental biology*, 11, 1274660.

Powell JE, et al. (2022) Targeted gene silencing in the nervous system with CRISPR-Cas13. *Science advances*, 8(3), eabk2485.

Sheppard K, et al. (2022) Stride-level analysis of mouse open field behavior using deep-learning-based pose estimation. *Cell reports*, 38(2), 110231.

Rosa P, et al. (2022) Polysialic Acid Sustains the Hypoxia-Induced Migration and Undifferentiated State of Human Glioblastoma Cells. *International journal of molecular sciences*, 23(17).

Radhakrishnan H, et al. (2022) Using Advanced Diffusion-Weighted Imaging to Predict Cell Counts in Gray Matter: Potential and Pitfalls. *Frontiers in neuroscience*, 16, 881713.

Harris KL, et al. (2022) Reduced expression of dopamine D2 receptors on astrocytes in R6/1 HD mice and HD post-mortem tissue. *Neuroscience letters*, 767, 136289.

Kiani Shabestari S, et al. (2022) Absence of microglia promotes diverse pathologies and early lethality in Alzheimer's disease mice. *Cell reports*, 39(11), 110961.