

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

B6D2F1/J

RRID:IMSR_JAX:100006

Type: Organism

Proper Citation

RRID:IMSR_JAX:100006

Organism Information

URL: <https://www.jax.org/strain/100006>

Proper Citation: RRID:IMSR_JAX:100006

Description: Mus musculus with name B6D2F1/J from IMSR.

Species: Mus musculus

Synonyms: (C57BL/6J x DBA/2J)F1/J. B6D2

Notes: gene symbol note: ; unclassified:

Catalog Number: JAX:100006

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6D2F1/J

Record Creation Time: 20250513T053915+0000

Record Last Update: 20260829T045212+0000

Ratings and Alerts

No rating or validation information has been found for B6D2F1/J.

No alerts have been found for B6D2F1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 159 mentions in open access literature.

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

Wang L, et al. (2026) Pre-Exposure Prophylaxis with Vasculotide Enhances Survival and Alleviates Hematopoietic and Gastrointestinal Injury Following Lethal Total Body Irradiation. *International journal of molecular sciences*, 27(4).

Zhou H, et al. (2026) Digital defocus aberration interference for automated optical microscopy. *Nature communications*, 17(1).

Reyes-Reyes EM, et al. (2026) HLA-DRB1*15:01 drives sex- and age-dependent microglial activation and neuroimmune signaling. *bioRxiv : the preprint server for biology*.

Kong F, et al. (2026) Differential effects of HDAC8 targeting on Foxp3+ Tregs and effector T cells promote antitumor immunity. *JCI insight*, 11(3).

Reyes-Reyes EM, et al. (2026) HLA-DRB1*15:01 drives sex- and age-dependent microglial immune phenotypes and neuroimmune signaling. *Frontiers in immunology*, 17, 1796692.

Kang J, et al. (2026) Polycomb repressive-deubiquitinase complex safeguards oocyte epigenome and female fertility by restraining Polycomb activity. *Nature communications*, 17(1).

Bernadyn T, et al. (2026) Activation of GPR97/ADGRG3 by its tethered agonist, but not by beclomethasone, induces neutrophil polarization and migration. *Science signaling*, 19(925), eabo5234.

He B, et al. (2026) Mitigating xenogeneic barriers to chimerism through Cas13-induced host attenuation. *Developmental cell*, 61(3), 676.

Machin DR, et al. (2025) Glycocalyx-targeted therapy prevents age-related muscle loss and declines in maximal exercise capacity. *Aging*, 17(9), 2335.

Hsiao K, et al. (2025) Trisomy 21 Alters Motor Coordination, Vocal Communication, and Cerebellar Circuit Connectivity in the TcMAC21 Mouse. *Research square*.

McGregor BA, et al. (2025) Deciphering motor dysfunction and microglial activation in mThy1-??-synuclein mice: a comprehensive study of behavioral, gene expression, and methylation changes. *Frontiers in molecular neuroscience*, 18, 1544971.

Dong Z, et al. (2025) Analytic Fourier ptychotomography for aberration-free and high-resolution volumetric refractive index imaging. *Nature communications*, 17(1), 727.

Ogawa Y, et al. (2025) CRISPR/Cas9-mediated genome editing reveals seven testis-enriched transmembrane glycoproteins dispensable for male fertility in mice. *Andrology*, 13(5), 1251.

Ogawa Y, et al. (2025) GATA4 binding to the Sox9 enhancer mXYSRa/Enh13 is critical for testis differentiation in mouse. *Communications biology*, 8(1), 81.

Stander R, et al. (2025) Altered motor coordination, vocal communication, and cerebellar circuit connectivity in mice carrying a near-complete human chromosome 21. *Translational psychiatry*, 16(1), 14.

Hiraoka T, et al. (2025) An ex vivo uterine system captures implantation, embryogenesis, and trophoblast invasion via maternal-embryonic signaling. *Nature communications*, 16(1), 5755.

Zheng J, et al. (2025) Preventing the phosphorylation of RyR2 at canonical sites reduces Ca²⁺ leak and promotes arrhythmia by reactivating the I_{Na} current. *Nature cardiovascular research*, 4(8), 976.

Tower CA, et al. (2025) Maternal CENP-C restores centromere symmetry in mammalian zygotes to ensure proper chromosome segregation. *Developmental cell*.

Just U, et al. (2024) Proteomic and transcriptomic characterisation of FIA10, a novel murine leukemic cell line that metastasizes into the brain. *PloS one*, 19(1), e0295641.

Lee K, et al. (2024) An extended wave of global mRNA deadenylation sets up a switch in translation regulation across the mammalian oocyte-to-embryo transition. *Cell reports*, 43(2), 113710.