

Resource Summary Report

Generated by RRID on Jul 30, 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: 20260725T044606+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 148 mentions in open access literature.

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

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

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

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.

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.

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.

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

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.

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.

Wood TWP, et al. (2024) The retrotransposon-derived capsid genes PNMA1 and PNMA4 maintain reproductive capacity. Research square.

Walker NM, et al. (2024) MNK-driven eIF4E phosphorylation regulates the fibrogenic transformation of mesenchymal cells and chronic lung allograft dysfunction. The Journal of clinical investigation, 134(16).

Cavanaugh BL, et al. (2024) A new mouse model for PRPH2 pattern dystrophy exhibits functional compensation prior and subsequent to retinal degeneration. Human molecular genetics, 33(21), 1916.

Mahesh G, et al. (2024) Whole genome sequencing of CRISPR/Cas9-engineered NF- κ B reporter mice for validation and variant discovery. *Scientific data*, 11(1), 1225.

Hasenbein TP, et al. (2024) X-linked deletion of *Crossfire*, *Firre*, and *Dxz4* in vivo uncovers diverse phenotypes and combinatorial effects on autosomes. *Nature communications*, 15(1), 10631.

Xia B, et al. (2024) On the genetic basis of tail-loss evolution in humans and apes. *Nature*, 626(8001), 1042.

Horseman TS, et al. (2024) Effects of combined ciprofloxacin and Neulasta therapy on intestinal pathology and gut microbiota after high-dose irradiation in mice. *Frontiers in public health*, 12, 1365161.

Schlapp G, et al. (2024) Zygote cryobanking applied to CRISPR/Cas9 microinjection in mice. *PloS one*, 19(7), e0306617.

Soloviova K, et al. (2024) Sex differences in donor T cell targeting of host splenocyte subpopulations in acute and chronic murine graft-vs.-host disease: implications for lupus-like autoimmunity. *bioRxiv : the preprint server for biology*.

Yang J, et al. (2024) Systematic evaluation of retroviral LTRs as cis-regulatory elements in mouse embryos. *Cell reports*, 43(3), 113775.

Guo R, et al. (2024) Engineered *IscB*- β RNA system with improved base editing efficiency for disease correction via single AAV delivery in mice. *Cell reports*, 43(11), 114973.