

Resource Summary Report

Generated by [dkNET](#) on Aug 1, 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: 20260801T050621+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 [dkNET](#) .

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.

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*.

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).

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.

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

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.

Hasenbein TP, et al. (2024) X-linked deletion of Crossfirre, 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-?RNA system with improved base editing efficiency for disease correction via single AAV delivery in mice. *Cell reports*, 43(11), 114973.