

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

B6D2F1

RRID:MGI:5649818

Type: Organism

Proper Citation

RRID:MGI:5649818

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:5649818>

Proper Citation: RRID:MGI:5649818

Description: laboratory mouse with name B6D2F1 from MGI.

Species: laboratory mouse

Notes: Strain Type: Not Specified

Catalog Number: 5649818

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: B6D2F1

Record Creation Time: 20230227T022624+0000

Record Last Update: 20260725T211508+0000

Ratings and Alerts

No rating or validation information has been found for B6D2F1.

No alerts have been found for B6D2F1.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 894 mentions in open access literature.

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

Banno A, et al. (2026) A simple, efficient, and scalable method to generate oocyte-like cells in vitro. *Life science alliance*, 9(2).

Dudko N, et al. (2026) Oocyte Age-Dependent DNA Damage Can Be Reverted by the DNA Repair Competent Karyoplasm of Young Oocytes. *Aging cell*, 25(1), e70300.

Watanabe S, et al. (2026) Development, Live Birth and Fertility in Mouse Oocytes Penetrated by Spermatids Exposed to the HDAC Inhibitor Scriptaid. *Reproductive medicine and biology*, 25(1), e70004.

Gekko H, et al. (2025) Redistribution of fragmented mitochondria ensures symmetric organelle partitioning and faithful chromosome segregation in mitotic mouse zygotes. *eLife*, 13.

Zhang J, et al. (2025) Acetylation at lysine 27 on maternal H3.3 regulates minor zygotic genome activation. *Cell reports*, 44(1), 115148.

Nakaya M, et al. (2025) Non-viral generation of transgenic non-human primates via the piggyBac transposon system. *Nature communications*, 16(1), 2179.

Qiu Y, et al. (2025) Loss of CCDC188 causes male infertility with defects in the sperm head-neck connection in mice???. *Biology of reproduction*, 112(1), 169.

Wei Y, et al. (2025) Fertile androgenetic mice generated by targeted epigenetic editing of imprinting control regions. *Proceedings of the National Academy of Sciences of the United States of America*, 122(27), e2425307122.

Lee SH, et al. (2025) Proteomic and metabolomic insights into oxidative stress response activation in mouse embryos generated by in vitro fertilization. *Human reproduction open*, 2025(2), hoaf022.

Yoshida S, et al. (2025) MPS1 promotes timely spindle bipolarization to prevent kinetochore-microtubule attachment errors in oocytes. *The EMBO journal*, 44(13), 3794.

Chen H, et al. (2025) Refined DNA repair manipulation enables a universal knock-in strategy in mouse embryos. *Nature communications*, 16(1), 6502.

Pulh P, et al. (2025) Unraveling the development of cutaneous neurofibromas in neurofibromatosis type 1. *Acta neuropathologica communications*, 13(1), 158.

Kitakaze H, et al. (2025) KIF2C Deletion Causes Meiotic Abnormalities and Nonobstructive Azoospermia in Mice. *Reproductive medicine and biology*, 24(1), e12659.

Takasu A, et al. (2025) Characterization of H3K4me3 in mouse oocytes at the metaphase II stage. *The Journal of biological chemistry*, 301(7), 110308.

Hyoto M, et al. (2025) Improvement and development of immersion fixatives for enhanced tissue preservation in the whole eyeball specimens. *The Journal of veterinary medical science*, 87(12), 1432.

Nakagawa Y, et al. (2025) Liver-specific glucagon dysfunction promotes PP-cell hyperplasia and formation of glucagon and PP double-positive cells. *PloS one*, 20(9), e0329094.

Smirnov AV, et al. (2025) Studying concatenation of the Cas9-cleaved transgenes using barcodes. *Vavilovskii zhurnal genetiki i selektsii*, 29(1), 26.

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.

Zhang X, et al. (2025) Setd2 overexpression rescues bivalent gene expression during SCNT-mediated ZGA. *Protein & cell*, 16(6), 439.

Kim J, et al. (2025) Deciphering the role of cis-regulatory elements and TFAP2C in the activation of zygotic Sox2 expression in mouse preimplantation embryos. *Development (Cambridge, England)*, 152(14).