

Resource Summary Report

Generated by [NIF](#) on Sep 14, 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: 20260912T220100+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 930 mentions in open access literature.

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

Sumii M, et al. (2026) Plasminogen Activator Inhibitor-1 Mediates Tolerance to Anti-PD-1 Immunotherapy in Non-Small Cell Lung Cancer. *Molecular cancer therapeutics*, 25(3), 435.

Ikeuchi Y, et al. (2026) Pancreatic β -cell sodium-glucose cotransporter 1 (SGLT1) does not appear to contribute to hyperglucagonemia and glucose intolerance in diabetic mice. *Endocrine journal*, 73(3), 471.

Katsuma K, et al. (2026) The absence of both RIBC1 and RIBC2 induces decreased sperm motility and litter size in male mice. *Andrology*, 14(2), 545.

Chang HY, et al. (2026) Mouse genome engineering uncovers 18 genes dispensable for male reproduction. *Andrology*, 14(3), 833.

Zhang C, et al. (2026) Testicular mRNA-LNP Delivery: A Novel Therapy for Genetic Spermatogenic Disorders. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(22), e09855.

Rainsford SR, et al. (2026) Fertilization with Protamine-2 deficient sperm triggers abnormal pronucleus development and zygotic cleavage†. *Biology of reproduction*, 114(4), 1210.

Kong X, et al. (2026) Stem-like memory-T maintenance and differentiation into tissue-resident T cells sustain chronic graft-versus-host disease in mice. *Nature communications*, 17(1).

Atkins GR, et al. (2026) Tex11 Mutant Mouse Models of Human Azoospermia. *bioRxiv* : the preprint server for biology.

Xiao W, et al. (2026) Epitranscriptomic regulation of mRNA stability in pivotal transcription factors modulates the second cell fate decision. *Nature communications*, 17(1).

Hong SP, et al. (2026) Testis-specific lncRNA Teshl regulates acrosome biogenesis to maintain sperm structure and function. *Cell & bioscience*, 16(1).

Koga T, et al. (2026) Complement activation and M2-like macrophage accumulation in anti-MDA5 monoclonal antibody-induced hepatic injury in mice. *Frontiers in immunology*, 17, 1707202.

Tan S, et al. (2026) Bone Marrow Failure Model Mimics Aplastic Anemia Patients: Single-Cell Landscape of Immune Response Reveals Novel Mechanisms of Immune Imbalance in AA. *Cancer medicine*, 15(6), e71978.

Takemoto K, et al. (2026) Functional analysis of genes enriched in male reproductive organs: validation via fertility assessment of 14 knockout mouse lines. *Frontiers in cell and developmental biology*, 14, 1851315.

Oqani RK, et al. (2026) Mouse placentae generated by in vitro fertilization exhibit altered gene expression, activated hypoxia responses, and reduced fitness†. *Biology of reproduction*, 114(1), 70.

Yu L, et al. (2026) Identification of two novel PATL2 variants and transcriptome sequencing reveals their role in oocyte maturation. *Journal of ovarian research*, 19(1).

Wang Y, et al. (2026) Single-oocyte full-length isoform sequencing unveils the impact of transposable elements on RNA diversity and stability. *Nature communications*, 17(1).

Li S, et al. (2026) Efficient Derivation and Transcriptional Characterization of Mouse Extra-Embryonic Endoderm Stem Cell Lines Generated by Somatic Cell Nuclear Transfer. *Stem cells international*, 2026, 1968738.

Vihma H, et al. (2026) A dual-reporter mouse for therapeutic discovery in Angelman syndrome. *JCI insight*, 11(5).

Takahashi S, et al. (2026) Targeting donor XCR1+ and CD11b+ dendritic cells prevents Th1- and Th17-dependent GVHD within the gastrointestinal tract. *Blood*, 147(18), 2143.

Liao Z, et al. (2026) Versatile SMAD2 and SMAD3 epitope-tagged mouse models for genomic profiling of TGF β signaling: Uncovering GDF9-SMAD2/3 targets. *Proceedings of the National Academy of Sciences of the United States of America*, 123(14), e2600071123.