Resource Summary Report

Generated by T1D on Sep 18, 2026

CB6F1/J

RRID:IMSR_JAX:100007
Type: Organism

Proper Citation

RRID:IMSR_JAX:100007

Organism Information

URL: https://www.jax.org/strain/100007

Proper Citation: RRID:IMSR_JAX:100007

Description: Mus musculus with name CB6F1/J from IMSR.

Species: Mus musculus

Synonyms: (BALB/cJ x C57BL/6J)F1/J

Notes: gene symbol note: ; unclassified:

Catalog Number: JAX:100007

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: CB6F1/J

Record Creation Time: 20250513T053915+0000

Record Last Update: 20260912T060643+0000

Ratings and Alerts

No rating or validation information has been found for CB6F1/J.

No alerts have been found for CB6F1/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 66 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Li YR, et al. (2026) Thymus engraftment and developmental progression of adoptively transferred progenitor T cells are affected by host conditioning. Journal of immunology (Baltimore, Md. : 1950), 215(4).

Ganchiku Y, et al. (2026) IL-2 mutein promotes antigen-specific transplant acceptance in mice through expansion of ST2+ regulatory T cells. Nature communications, 17(1).

Nicola F, et al. (2026) A spinal substrate for modular control of natural behavior. bioRxiv : the preprint server for biology.

Sarron A, et al. (2025) A Computationally Optimised Structural Integrity Sequence Enhances Vaccine Stability, Yield and Safety Profile. Research square.

Spix NJ, et al. (2025) High-coverage allele-resolved single-cell DNA methylation profiling reveals cell lineage, X-inactivation state, and replication dynamics. Nature communications, 16(1), 6273.

Varano G, et al. (2025) B-cell Receptor Silencing Reveals the Origin and Dependencies of High-Grade B-cell Lymphomas with MYC and BCL2 Rearrangements. Blood cancer discovery, 6(4), 364.

Theis T, et al. (2025) Depletion of Cell Adhesion Molecule L1 from Microglia and Macrophages Reduces Recovery After Spinal Cord Injury. International journal of molecular sciences, 26(7).

Yamazoe S, et al. (2025) Discovery and Characterization of a First-in-Class LIV1-TLR7/8 Immunomodulatory Conjugate with Robust Myeloid Activation and Antitumor Activity. Journal of medicinal chemistry, 68(11), 11322.

Zhao M, et al. (2025) Genetic variation in IL-4 activated tissue resident macrophages determines strain-specific synergistic responses to LPS epigenetically. Nature communications, 16(1), 1030.

Jenkins JW, et al. (2025) MHC class II-mediated spontaneous rejection of breast carcinomas expressing model neoantigens. Journal for immunotherapy of cancer, 13(4).

Vidal SJ, et al. (2025) Mining the CD4 antigen repertoire for next-generation tuberculosis vaccines. Cell.

Zhang G, et al. (2024) Lymphotoxin ?? receptor and tertiary lymphoid organs shape acute and chronic allograft rejection. JCI insight, 9(15).

Gidwani SV, et al. (2024) Engineered dityrosine-bonding of the RSV prefusion F protein imparts stability and potency advantages. Nature communications, 15(1), 2202.

DaMata JP, et al. (2024) Dissociation protocols influence the phenotypes of lymphocyte and myeloid cell populations isolated from the neonatal lymph node. Frontiers in immunology, 15, 1368118.

Liao GY, et al. (2024) Comparison of age-related decline in C57BL/6J and CB6F1J male mice. PloS one, 19(12), e0306201.

Zhao M, et al. (2024) Genetic variation in IL-4 activated tissue resident macrophages alters the epigenetic state to determine strain specific synergistic responses to LPS. Research square.

Fan C, et al. (2024) Cis-regulatory evolution of the recently expanded Ly49 gene family. Nature communications, 15(1), 4839.

Maurice NJ, et al. (2024) Steady-state, therapeutic, and helminth-induced IL-4 compromise protective CD8 T cell bystander activation. bioRxiv : the preprint server for biology.

Loomis RJ, et al. (2024) Structure-based design of glycoprotein subunit vaccines for mumps. Proceedings of the National Academy of Sciences of the United States of America, 121(47), e2404053121.

Byrne PO, et al. (2023) Structural basis for antibody recognition of vulnerable epitopes on Nipah virus F protein. Nature communications, 14(1), 1494.