

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 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: 20260725T044606+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 63 mentions in open access literature.

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

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

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).

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.

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.

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.

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.

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.

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

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.

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

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

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.

Bennett H, et al. (2023) Discrimination of cell-intrinsic and environment-dependent effects of natural genetic variation on Kupffer cell epigenomes and transcriptomes. *Nature immunology*, 24(11), 1825.

Ou L, et al. (2023) Structure-based design of a single-chain triple-disulfide-stabilized fusion-glycoprotein trimer that elicits high-titer neutralizing responses against human metapneumovirus. *PLoS pathogens*, 19(9), e1011584.

Hullahalli K, et al. (2023) Genetic and immune determinants of *E. coli* liver abscess formation. *bioRxiv : the preprint server for biology*.