

# Resource Summary Report

Generated by [kravitz2](#) on Sep 15, 2026

## CB6F1/J

RRID:IMSR\_JAX:100007

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:100007

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### 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

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### Ratings and Alerts

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

No alerts have been found for CB6F1/J.

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### Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 66 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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.

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.

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*.

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