

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

STOCK Tg(Cd4-cre)1Cwi/BfluJ

RRID:IMSR_JAX:017336

Type: Organism

Proper Citation

RRID:IMSR_JAX:017336

Organism Information

URL: <https://www.jax.org/strain/017336>

Proper Citation: RRID:IMSR_JAX:017336

Description: Mus musculus with name STOCK Tg(Cd4-cre)1Cwi/BfluJ from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Cd4-cre)1Cwi/BfluJ

Notes: gene symbol note: CD4 antigen|transgene insertion 1; Christopher B Wilson|; mutant stock: Cd4|Tg(Cd4-cre)1Cwi|

Affected Gene: CD4 antigen|transgene insertion 1; Christopher B Wilson|

Genomic Alteration: transgene insertion 1; Christopher B Wilson

Catalog Number: JAX:017336

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Tg(Cd4-cre)1Cwi/BfluJ

Record Creation Time: 20250513T053732+0000

Record Last Update: 20260725T044440+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Cd4-cre)1Cwi/BfluJ.

No alerts have been found for STOCK Tg(Cd4-cre)¹Cwi/BfluJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Modares NF, et al. (2025) B cell-derived acetylcholine promotes liver regeneration by regulating Kupffer cell and hepatic CD8⁺ T cell function. *Immunity*, 58(5), 1201.

Zhong L, et al. (2025) STIM1-mediated NFAT signaling synergizes with STAT1 to control T-bet expression and TH1 differentiation. *Nature immunology*, 26(3), 484.

Lu C, et al. (2025) Slc7a5 promotes T cell anti-tumor immunity through sustaining cytotoxic T lymphocyte effector function. *Oncogene*.

Herbst M, et al. (2025) Cancer-cell-derived cGAMP limits the activity of tumor-associated CD8⁺ T cells. *Cell reports*, 44(4), 115510.

Li C, et al. (2025) Integrin CD103 expression in naive CD8⁺ T cells promotes cytokine-driven acquisition of memory phenotype and effector function. *Immunity*.

Kim DV, et al. (2025) E. coli-activated cellular circuit restrains intestinal inflammatory microbiota-specific T cells and protects against colitis. *Cell reports*, 44(10), 116332.

Villa M, et al. (2024) Prostaglandin E2 controls the metabolic adaptation of T cells to the intestinal microenvironment. *Nature communications*, 15(1), 451.

Choi SC, et al. (2024) Glutaminolysis promotes the function of follicular helper T cells in lupus-prone mice. *bioRxiv : the preprint server for biology*.

Savage TM, et al. (2024) Amphiregulin from regulatory T cells promotes liver fibrosis and insulin resistance in non-alcoholic steatohepatitis. *Immunity*, 57(2), 303.

Verma S, et al. (2024) Antigen-level resolution of commensal-specific B cell responses can be enabled by phage display screening coupled with B cell tetramers. *Immunity*, 57(6), 1428.

Villa M, et al. (2023) Prostaglandin E 2 controls the metabolic adaptation of T cells to the intestinal microenvironment. *bioRxiv : the preprint server for biology*.

Bailey C, et al. (2023) Genetic and pharmaceutical targeting of HIF1[?] allows combo-immunotherapy to boost graft vs. leukemia without exacerbation graft vs. host disease. *Cell reports. Medicine*, 4(11), 101236.

Sie C, et al. (2022) IL-24 intrinsically regulates Th17 cell pathogenicity in mice. *The Journal of experimental medicine*, 219(8).

Damasceno LEA, et al. (2022) STING is an intrinsic checkpoint inhibitor that restrains the TH17 cell pathogenic program. *Cell reports*, 39(8), 110838.

Bailey CM, et al. (2022) Targeting HIF-1 α abrogates PD-L1-mediated immune evasion in tumor microenvironment but promotes tolerance in normal tissues. *The Journal of clinical investigation*, 132(9).

Zeng Q, et al. (2022) Cbl-b restrains priming of pathogenic Th17 cells via the inhibition of IL-6 production by macrophages. *iScience*, 25(10), 105151.

Merana GR, et al. (2022) Intestinal inflammation alters the antigen-specific immune response to a skin commensal. *Cell reports*, 39(9), 110891.

Cortes JR, et al. (2022) Oncogenic Vav1-Myo1f induces therapeutically targetable macrophage-rich tumor microenvironment in peripheral T cell lymphoma. *Cell reports*, 39(3), 110695.

Hall JA, et al. (2022) Transcription factor ROR γ enforces stability of the Th17 cell effector program by binding to a Rorc cis-regulatory element. *Immunity*, 55(11), 2027.

Argenty J, et al. (2022) A selective LIS1 requirement for mitotic spindle assembly discriminates distinct T-cell division mechanisms within the T-cell lineage. *eLife*, 11.