

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

C57BL/6-Foxp3^{tm1Flv/J}

RRID:IMSR_JAX:008374

Type: Organism

Proper Citation

RRID:IMSR_JAX:008374

Organism Information

URL: <https://www.jax.org/strain/008374>

Proper Citation: RRID:IMSR_JAX:008374

Description: Mus musculus with name C57BL/6-Foxp3^{tm1Flv/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: |forkhead box P3; coisogenic strain: |Foxp3

Affected Gene: |forkhead box P3

Genomic Alteration: targeted mutation 1; Richard A Flavell

Catalog Number: JAX:008374

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Foxp3^{tm1Flv/J}

Record Creation Time: 20250513T053708+0000

Record Last Update: 20260725T044420+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Foxp3^{tm1Flv/J}.

No alerts have been found for C57BL/6-Foxp3^{tm1Flv/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Zitti B, et al. (2026) Positioning and reversible suppression of CCR7+ dendritic cells in perivascular tumor niches shape cancer immunity. *Immunity*, 59(1), 161.

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. *Cell stem cell*, 33(1), 108.

Boutet M, et al. (2025) Mutations in MLL3 promote breast cancer progression via HIF1?-dependent intratumoral recruitment and differentiation of regulatory T cells. *Immunity*, 58(8), 2035.

Lemarquis AL, et al. (2025) Recirculating regulatory T cells mediate thymic regeneration through amphiregulin following damage. *Immunity*, 58(2), 397.

Manrique-Rincón AJ, et al. (2025) Simulating CD8 T cell exhaustion: A comprehensive approach. *iScience*, 28(7), 112897.

Yang Z, et al. (2025) Naturally Arising Memory-Phenotype CD4+ T Lymphocytes Give Rise to Multiple Helper Subsets to Contribute to Tumor Immunity while Inhibiting GVHD. *Cancer immunology research*, 13(6), 897.

Köhne M, et al. (2025) Satb1 directs the differentiation of TH17 cells through suppression of IL-2 expression. *Cell reports*, 44(7), 115866.

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.

Anannya O, et al. (2023) ITK signaling regulates a switch between T helper 17 and T regulatory cell lineages via a calcium-mediated pathway. *bioRxiv : the preprint server for biology*.

Eggert J, et al. (2023) Accumulation of TCR signaling from self-antigens in naive CD8 T cells mitigates early responsiveness. *bioRxiv : the preprint server for biology*.

Edwards CL, et al. (2023) A molecular signature for IL-10-producing Th1 cells in protozoan parasitic diseases. *JCI insight*, 8(24).

Edwards CL, et al. (2023) IL-10-producing Th1 cells possess a distinct molecular signature in malaria. *The Journal of clinical investigation*, 133(1).

- Shin DS, et al. (2023) Lung injury induces a polarized immune response by self-antigen-specific CD4⁺ Foxp3⁺ regulatory T cells. *Cell reports*, 42(8), 112839.
- Spath S, et al. (2022) Profiling of Tregs across tissues reveals plasticity in ST2 expression and hierarchies in tissue-specific phenotypes. *iScience*, 25(9), 104998.
- Elmore J, et al. (2022) ITK independent development of Th17 responses during hypersensitivity pneumonitis driven lung inflammation. *Communications biology*, 5(1), 162.
- Dai H, et al. (2022) Treg suppression of immunity within inflamed allogeneic grafts. *JCI insight*, 7(16).
- VanDyke D, et al. (2022) Engineered human cytokine/antibody fusion proteins expand regulatory T cells and confer autoimmune disease protection. *Cell reports*, 41(3), 111478.
- Iberg CA, et al. (2022) TNF- α sculpts a maturation process in vivo by pruning tolerogenic dendritic cells. *Cell reports*, 39(2), 110657.
- Mittelsteadt KL, et al. (2021) ICOS signaling limits regulatory T cell accumulation and function in visceral adipose tissue. *The Journal of experimental medicine*, 218(6).
- Zhou JY, et al. (2021) Integration of IL-2 and IL-4 signals coordinates divergent regulatory T cell responses and drives therapeutic efficacy. *eLife*, 10.