

Resource Summary Report

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

STOCK Foxp3^{tm9}(EGFP/cre/ERT2)Ayr/J

RRID:IMSR_JAX:016961

Type: Organism

Proper Citation

RRID:IMSR_JAX:016961

Organism Information

URL: <https://www.jax.org/strain/016961>

Proper Citation: RRID:IMSR_JAX:016961

Description: Mus musculus with name STOCK Foxp3^{tm9}(EGFP/cre/ERT2)Ayr/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: [Cre recombinase and estrogen receptor 1 (human) fusion gene|forkhead box P3; mutant stock: [cre/ERT2|Foxp3

Affected Gene: [Cre recombinase and estrogen receptor 1 (human) fusion gene|forkhead box P3

Genomic Alteration: targeted mutation 9; Alexander Y Rudensky

Catalog Number: JAX:016961

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Foxp3^{tm9}(EGFP/cre/ERT2)Ayr/J

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260725T044439+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Foxp3^{tm9(EGFP/cre/ERT2)}Ayr/J.

No alerts have been found for STOCK Foxp3^{tm9(EGFP/cre/ERT2)}Ayr/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Huang X, et al. (2026) Opposing functions of distinct regulatory T cell subsets in colorectal cancer. *Immunity*, 59(1), 145.

Wang K, et al. (2025) ATF4 drives regulatory T cell functional specification in homeostasis and obesity. *Science immunology*, 10(105), eadp7193.

Kimura N, et al. (2025) Regulatory T cell stability determines the efficiency of bile duct regeneration during cholangitis. *Cell reports*, 44(11), 116557.

Kandasamy M, et al. (2025) Glycogen synthase kinase-3 is essential for Treg development and function. *Cell reports*, 44(9), 116256.

Gouirand V, et al. (2025) Layilin regulates Treg motility and suppressive capacity in skin. *eLife*, 14.

Lai X, et al. (2025) Targeting DAP5 Disrupts Alternate Mode of Translational Initiation in Tregs and Potentiates Antitumor Immunity. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e20625.

Fahlquist-Hagert C, et al. (2024) T-follicular regulatory cells expand to control germinal center plasma cell output but fail to curb autoreactivity. *iScience*, 27(10), 110887.

Ding R, et al. (2024) Lactate modulates RNA splicing to promote CTLA-4 expression in tumor-infiltrating regulatory T cells. *Immunity*, 57(3), 528.

Luan J, et al. (2024) CD80 on skin stem cells promotes local expansion of regulatory T cells upon injury to orchestrate repair within an inflammatory environment. *Immunity*, 57(5), 1071.

Peeters JGC, et al. (2024) Hyperactivating EZH2 to augment H3K27me3 levels in regulatory T cells enhances immune suppression by driving early effector differentiation. *Cell reports*, 43(9), 114724.

Shouse AN, et al. (2024) Interleukin-2 receptor signaling acts as a checkpoint that influences the distribution of regulatory T cell subsets. *iScience*, 27(12), 111248.

Ichiyama K, et al. (2024) Transcription factor Ikzf1 associates with Foxp3 to repress gene expression in Treg cells and limit autoimmunity and anti-tumor immunity. *Immunity*, 57(9), 2043.

Geels SN, et al. (2024) Protocol to quantify the activation dynamics of tumor-associated T cells in mice by functional intravital microscopy. *STAR protocols*, 5(4), 103310.

Stienne C, et al. (2022) Btla signaling in conventional and regulatory lymphocytes coordinately tempers humoral immunity in the intestinal mucosa. *Cell reports*, 38(12), 110553.

Yoshimatsu Y, et al. (2022) Aryl hydrocarbon receptor signals in epithelial cells govern the recruitment and location of Helios⁺ Tregs in the gut. *Cell reports*, 39(6), 110773.

Wong HS, et al. (2021) A local regulatory T cell feedback circuit maintains immune homeostasis by pruning self-activated T cells. *Cell*, 184(15), 3981.

Liu HY, et al. (2021) Leveraging the Treg-intrinsic CTLA4-PKC γ signaling pathway for cancer immunotherapy. *Journal for immunotherapy of cancer*, 9(9).

Daneshmandi S, et al. (2021) 6-Phosphogluconate dehydrogenase (6PGD), a key checkpoint in reprogramming of regulatory T cells metabolism and function. *eLife*, 10.

Banerjee H, et al. (2021) Expression of Tim-3 drives phenotypic and functional changes in Treg cells in secondary lymphoid organs and the tumor microenvironment. *Cell reports*, 36(11), 109699.

Marangoni F, et al. (2021) Expansion of tumor-associated Treg cells upon disruption of a CTLA-4-dependent feedback loop. *Cell*, 184(15), 3998.