Resource Summary Report

Generated by NIF on Sep 2, 2026

B6.129(Cg)-Foxp3$^{tm3(HBEGF/GFP)Ayr}$/J

RRID:IMSR_JAX:016958
Type: Organism

Proper Citation

RRID:IMSR_JAX:016958

Organism Information

URL: https://www.jax.org/strain/016958

Proper Citation: RRID:IMSR_JAX:016958

Description: Mus musculus with name B6.129(Cg)-Foxp3$^{tm3(HBEGF/GFP)Ayr}$/J from IMSR.

Species: Mus musculus

Synonyms: B6N.129(Cg)-Foxp3/J. B6.129(Cg)-Foxp3/J. B6.129(Cg)-Foxp3/J

Notes: gene symbol note: forkhead box P3|Simian Diphtheria Toxin Receptor; Enhanced Green Fluorescent Protein; mutant strain|congenic strain: Foxp3|DTR/EGFP

Affected Gene: forkhead box P3|Simian Diphtheria Toxin Receptor; Enhanced Green Fluorescent Protein

Genomic Alteration: targeted mutation 3; Alexander Y Rudensky

Catalog Number: JAX:016958

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129(Cg)-Foxp3$^{tm3(HBEGF/GFP)Ayr}$/J

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260829T045045+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(Cg)-Foxp3 $^{tm3(HBEGF/GFP)Ayr}/_{J}$.

No alerts have been found for B6.129(Cg)-Foxp3$^{tm3(HBEGF/GFP)Ayr}/_{J}$.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 135 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Chaudhary S, et al. (2026) Western Diet Dampens T Regulatory Cell Function to Fuel Hepatic Inflammation in Metabolic Dysfunction-Associated Steatotic Liver Disease. Cells, 15(2).

Kuzmina M, et al. (2026) HSPCs and Treg cells cooperate to preserve extramedullary hematopoiesis under chronic inflammation. Science advances, 12(19), eadv9351.

Dolsten G, et al. (2026) Metadomain and metaloop genome interactions in mammalian T cells. Cell reports, 45(5), 117341.

Li Y, et al. (2026) Puerarin Targets MIC19 to Suppress Mitochondrial Metabolism of Tumor-Infiltrating Tregs and Enhance Anti-tumor Immunity. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(4), e12793.

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

Talavera IC, et al. (2026) Regulatory T cells restrain IL-15-mediated cytotoxic and bystander T cell activity in mucosal tissue without compromising antigen-driven memory. bioRxiv : the preprint server for biology.

Murthy A, et al. (2026) Regulatory T cells protect against aberrant remodeling in a mouse model of pulmonary fibrosis. Mucosal immunology, 19(2), 1769.

Yin M, et al. (2026) Immune checkpoints in a genetically engineered mouse model of spontaneous autoimmune uveitis. Journal of immunology (Baltimore, Md. : 1950), 215(3).

Lin Y, et al. (2026) Regulatory T cell-derived TGF-?? signaling governs the differentiation and maintenance of tumor-infiltrating bystander CD8+ T cells. Cell reports, 45(4), 117189.

Schmiechen ZC, et al. (2026) Treg cells promote immunotherapy-induced immune evasion by restraining CD4 T cell control of MHC-I-deficient metastatic pancreatic cancer. Science immunology, 11(120), eadz4302.

Hunt KS, et al. (2026) Reduced Tumor Control in Males Can Result from Impaired CD4+ T-cell Help through the CD40L-CD40 Pathway. Cancer immunology research, 14(7), 1068.

Pohl L, et al. (2026) Serial intravital microscopy reveals temporal dynamics of autoreactive germinal centers in the spleen. iScience, 29(4), 115340.

Chen Z, et al. (2026) Fibroblast-derived alarmin promotes oral wound healing by activating regulatory T cells that relay pro-angiogenic and anti-inflammatory responses. Cell reports, 45(1), 116829.

Bockman A, et al. (2026) Intratumoral Regulatory T cell Ablation Mediates Tumor Control Systemically without Autoimmunity. Cancer research.

Xiong W, et al. (2025) Depletion of myeloid-derived suppressor cells sensitizes murine multiple myeloma to PD-1 checkpoint inhibitors. Journal for immunotherapy of cancer, 13(1).

Gadwa J, et al. (2025) Divergent response to radio-immunotherapy is defined by intrinsic features of the tumor microenvironment. Journal for immunotherapy of cancer, 13(1).

Yarnoff KM, et al. (2025) Hypomethylating therapy mitigates acute allograft rejection in a murine lung transplant model. Frontiers in transplantation, 4, 1612523.

Kahn BM, et al. (2025) Intrinsic Properties of the Lymph Node Render It Immunologically Susceptible to Metastasis. Cancer discovery, 15(9), 1949.

Huang C, et al. (2025) Tolerogenic dendritic cell-mediated regulatory T cell differentiation by Chinese herbal formulation attenuates colitis progression. Journal of advanced research, 70, 499.

Hilaire M, et al. (2025) Neonatal regulatory T cells persist into adulthood across multiple tissues with high enrichment in the skin. Science advances, 11(40), eadx8037.