# Resource Summary Report

Generated by RRID on Jul 30, 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:** 20260725T044439+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 123 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.

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.

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.

Kamatani T, et al. (2025) iPSCs engrafted in allogeneic hosts without immunosuppression induce donor-specific tolerance to secondary allografts. Proceedings of the National Academy of Sciences of the United States of America, 122(11), e2413398122.

Costa-Pereira S, et al. (2025) Regulatory T cells suppress GM-CSF-producing T helper cells via IL-2 modulation to restrain immunopathology. Cell reports, 44(5), 115642.

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.

Li S, et al. (2025) Protocol for multiplex immunofluorescence imaging of mouse intestinal tumors. STAR protocols, 6(2), 103776.

Cheung JF, et al. (2025) Distinct T cell functions enable efficient immunoediting and prevent tumor emergence of developing sarcomas. Cancer cell, 43(12), 2311.

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

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.

Jheng MJ, et al. (2025) CCR8+ST2+ tissue-resident regulatory T cells constrain type 2 immunity to environmental allergens in the lungs. The Journal of allergy and clinical immunology.

Torres-Mejia E, et al. (2025) Lung Cancer-Intrinsic SOX2 Expression Mediates Resistance to Checkpoint Blockade Therapy by Inducing Treg-Dependent CD8+ T-cell Exclusion. Cancer immunology research, 13(4), 496.

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

Lamorte S, et al. (2025) Lymph node macrophages drive immune tolerance and resistance to cancer therapy by induction of the immune-regulatory cytokine IL-33. Cancer cell, 43(5), 955.

Mok S, et al. (2024) Post-immunotherapy CTLA-4 Ig treatment improves antitumor efficacy. Proceedings of the National Academy of Sciences of the United States of America, 121(27), e2404661121.