Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

B6.Cg-Foxp3$^{tm1.1Mal}$/J

RRID:IMSR_JAX:018628
Type: Organism

Proper Citation

RRID:IMSR_JAX:018628

Organism Information

URL: https://www.jax.org/strain/018628

Proper Citation: RRID:IMSR_JAX:018628

Description: Mus musculus with name B6.Cg-Foxp3$^{tm1.1Mal}$/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Foxp3/J

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

Affected Gene: forkhead box P3||forkhead box P3|

Genomic Alteration: targeted mutation 1.1; Bernard Malissen

Catalog Number: JAX:018628

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:18628

Organism Name: B6.Cg-Foxp3$^{tm1.1Mal}$/J

Record Creation Time: 20230509T193314+0000

Record Last Update: 20250412T090615+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Foxp3$^{tm1.1Mal}$/J.

No alerts have been found for B6.Cg-Foxp3$^{tm1.1Mal}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kaminski A, et al. (2023) Resident regulatory T cells reflect the immune history of individual lymph nodes. Science immunology, 8(89), eadj5789.

Permanyer M, et al. (2021) Efficient IL-2R signaling differentially affects the stability, function, and composition of the regulatory T-cell pool. Cellular & molecular immunology, 18(2), 398.

Muschaweck M, et al. (2021) Cognate recognition of microbial antigens defines constricted CD4+ T cell receptor repertoires in the inflamed colon. Immunity, 54(11), 2565.

Shen E, et al. (2019) Control of Germinal Center Localization and Lineage Stability of Follicular Regulatory T Cells by the Blimp1 Transcription Factor. Cell reports, 29(7), 1848.

Safya H, et al. (2018) Variations in Cellular Responses of Mouse T Cells to Adenosine-5'-Triphosphate Stimulation Do Not Depend on P2X7 Receptor Expression Levels but on Their Activation and Differentiation Stage. Frontiers in immunology, 9, 360.

Bending D, et al. (2018) A timer for analyzing temporally dynamic changes in transcription during differentiation in vivo. The Journal of cell biology, 217(8), 2931.

Wu J, et al. (2017) Ablation of Transcription Factor IRF4 Promotes Transplant Acceptance by Driving Allogenic CD4+ T Cell Dysfunction. Immunity, 47(6), 1114.

Guichard V, et al. (2017) Calcium-mediated shaping of naive CD4 T-cell phenotype and function. eLife, 6.

Cosette J, et al. (2015) Single Cell Dynamics Causes Pareto-Like Effect in Stimulated T Cell Populations. Scientific reports, 5, 17756.