Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 17, 2025

B6.Cg-Tg(Itgax-cre)1-1Reiz/J

RRID:IMSR_JAX:008068
Type: Organism

Proper Citation

RRID:IMSR_JAX:008068

Organism Information

URL: https://www.jax.org/strain/008068

Proper Citation: RRID:IMSR_JAX:008068

Description: Mus musculus with name B6.Cg-Tg(Itgax-cre)1-1Reiz/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: integrin alpha X|transgene insertion 1-1; Boris Reizis||integrin alpha X|transgene insertion 1-1; Boris Reizis|; mutant strain: Itgax|Tg(Itgax-cre)1-1Reiz||Itgax|Tg(Itgax-cre)1-1Reiz|

Affected Gene: integrin alpha X|transgene insertion 1-1; Boris Reizis||integrin alpha X|transgene insertion 1-1; Boris Reizis|

Genomic Alteration: transgene insertion 1-1; Boris Reizis

Catalog Number: JAX:008068

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:8068

Organism Name: B6.Cg-Tg(Itgax-cre)1-1Reiz/J

Record Creation Time: 20230509T193256+0000

Record Last Update: 20250412T090438+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Itgax-cre)1-1Reiz/J.

No alerts have been found for B6.Cg-Tg(Itgax-cre)1-1Reiz/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 179 mentions in open access literature.

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

Pestal K, et al. (2024) Krüppel-like Factor (KLF) family members control expression of genes required for serous cavity and alveolar macrophage identities. bioRxiv : the preprint server for biology.

Ashayeripanah M, et al. (2024) Systemic inflammatory response syndrome triggered by blood-borne pathogens induces prolonged dendritic cell paralysis and immunosuppression. Cell reports, 43(2), 113754.

Hu J, et al. (2024) UFObow: A single-wavelength excitable Brainbow for simultaneous multicolor ex-vivo and in-vivo imaging of mammalian cells. Communications biology, 7(1), 394.

Deka A, et al. (2024) Non-canonical NF-?B signaling limits the tolerogenic ?-catenin-Raldh2 axis in gut dendritic cells to exacerbate intestinal pathologies. The EMBO journal, 43(18), 3895.

Zewdie EY, et al. (2024) MerTK Induces Dysfunctional Dendritic Cells by Metabolic Reprogramming. Cancer immunology research, 12(9), 1268.

Scott SA, et al. (2023) Dopamine receptor D2 confers colonization resistance via gut microbial metabolites. bioRxiv : the preprint server for biology.

Kinsella RL, et al. (2023) Autophagy prevents early proinflammatory responses and neutrophil recruitment during Mycobacterium tuberculosis infection without affecting pathogen burden in macrophages. PLoS biology, 21(6), e3002159.

Zhang Z, et al. (2023) Pertussis toxin-induced inhibition of Wnt/?-catenin signaling in dendritic cells promotes an autoimmune response in experimental autoimmune uveitis. Journal of neuroinflammation, 20(1), 24.

Madel MB, et al. (2023) Specific targeting of inflammatory osteoclastogenesis by the probiotic yeast S. boulardii CNCM I-745 reduces bone loss in osteoporosis. eLife, 12.

Adamska JZ, et al. (2023) Ablation of Adar1 in myeloid cells imprints a global antiviral state in the lung and heightens early immunity against SARS-CoV-2. Cell reports, 42(1), 112038.

Li Y, et al. (2023) A micro-electroporation/electrophoresis-based vaccine screening system reveals the impact of vaccination orders on cross-protective immunity. iScience, 26(10), 108086.

Wang Y, et al. (2022) Dendritic cell Piezo1 directs the differentiation of TH1 and Treg cells in cancer. eLife, 11.

Liu Z, et al. (2022) Phospholipase A2 inhibitor and LY6/PLAUR domain-containing protein PINLYP regulates type I interferon innate immunity. Proceedings of the National Academy of Sciences of the United States of America, 119(1).

Xu F, et al. (2022) Ablation of Cbl-b and c-Cbl in dendritic cells causes spontaneous liver cirrhosis via altering multiple properties of CD103+ cDC1s. Cell death discovery, 8(1), 142.

Gargaro M, et al. (2022) Indoleamine 2,3-dioxygenase 1 activation in mature cDC1 promotes tolerogenic education of inflammatory cDC2 via metabolic communication. Immunity, 55(6), 1032.

Borriello F, et al. (2022) An adjuvant strategy enabled by modulation of the physical properties of microbial ligands expands antigen immunogenicity. Cell, 185(4), 614.

Glaser KM, et al. (2022) Combinatorial depletions of G-protein coupled receptor kinases in immune cells identify pleiotropic and cell type-specific functions. Frontiers in immunology, 13, 1039803.

Murray MP, et al. (2022) Stimulation of a subset of natural killer T cells by CD103+ DC is required for GM-CSF and protection from pneumococcal infection. Cell reports, 38(2), 110209.

Saveljeva S, et al. (2022) A purine metabolic checkpoint that prevents autoimmunity and autoinflammation. Cell metabolism, 34(1), 106.

Prasit KK, et al. (2022) Intratumoural administration of an NKT cell agonist with CpG promotes NKT cell infiltration associated with an enhanced antitumour response and abscopal effect. Oncoimmunology, 11(1), 2081009.