

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

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

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

Genomic Alteration: transgene insertion 1-1; Boris Reizis

Catalog Number: JAX:008068

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

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

Record Creation Time: 20250513T053705+0000

Record Last Update: 20260815T050615+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: JAX Mice and Services

Usage and Citation Metrics

We found 197 mentions in open access literature.

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

Gu W, et al. (2026) PPAR- γ suppresses macrophage senescence and allergic airway inflammation through controlling lipid metabolic pathways. *EBioMedicine*, 126, 106226.

Xu Z, et al. (2026) Unbiased niche labeling maps immune-excluded niche in bone metastasis. *Cell*, 189(11), 3287.

Choubey P, et al. (2026) Cohesin complex cooperates with PU.1 at super-enhancers to regulate the differentiation and identity of conventional dendritic cells. *Cell reports*, 45(5), 117331.

Yang W, et al. (2026) Transcription factor BHLHE40 expression in group 3 innate lymphoid cells and ROR γ t $^+$ antigen-presenting cells coordinates intestinal immunity. *Immunity*.

Pires S, et al. (2026) Innate lymphoid cells activated by the cytokine TL1A link colitis to emergency granulopoiesis and the recruitment of tumor-promoting neutrophils. *Immunity*, 59(2), 372.

Ponessa JJ, et al. (2026) Alveolar macrophages inhibit emphysematous pathology via expression of carbonic anhydrase 4. *Cell reports*, 45(5), 117315.

Schreiber T, et al. (2026) Dendritic cell-specific hypoxia-inducible factor-1 α deficiency protects mice from recurrent retroviral infection. *Experimental physiology*, 111(8), 3843.

Dedloff MR, et al. (2026) Interferon lambda signaling to maternal dendritic cells protects against congenital Zika virus infection. *bioRxiv : the preprint server for biology*.

Verwaerde S, et al. (2026) Innate type 2 lymphocytes trigger an inflammatory switch in alveolar macrophages. *Immunity*, 59(1), 60.

Liu J, et al. (2026) Extracellular GPX4 impairs antitumor immunity via dendritic ZP3 receptors. *Cell*.

Paiva RA, et al. (2026) MAIT cells egress the thymus at several maturation stages with selective capacity to seed different tissues. *Immunity*, 59(6), 1512.

Srinivasan T, et al. (2026) The gut microbiota directs vitamin A flux to regulate intestinal T cell development. *Cell host & microbe*.

Zhang P, et al. (2026) Sympathetic-epithelial crosstalk governs tissue-resident memory T cell immunosurveillance in the skin. *Cell*, 189(5), 1323.

Pham LK, et al. (2026) NRF2-mediated inhibition of alveolar macrophage MHC II expression during *Mycobacterium tuberculosis* infection. *Cell reports*, 45(6), 117397.

Peng Y, et al. (2025) Tolerance to non-inherited maternal antigen is sustained by LysM+ CD11c+ maternal microchimeric cells. *Immunity*, 58(9), 2176.

Shimizu K, et al. (2025) Distinct TAM subset with cross-dressing capability determines the bifurcation of tumor immunity. *Cell reports*, 44(6), 115800.

Amon L, et al. (2025) GM-CSF and specific type 2 cytokines induce CD103+ and CD301b+ cell states in cDC1s and cDC2s. *Cell reports*, 44(12), 116589.

Wu ZY, et al. (2025) *Alistipes finegoldii* augments the efficacy of immunotherapy against solid tumors. *Cancer cell*, 43(9), 1714.

Wu Z, et al. (2025) Irreversible electroporation combined with PD-L1/IL-6 dual blockade promotes anti-tumor immunity via cDC2/CD4+T cell axis in MHC-I deficient pancreatic cancer. *Cancer letters*, 617, 217620.

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*.