Resource Summary Report

Generated by Kravitz on Sep 21, 2026

C57BL/6JGpt-Rag1^{em1Cd3259}/Gpt

RRID:IMSR_GPT:T004753
Type: Organism

Proper Citation

RRID:IMSR_GPT:T004753

Organism Information

URL: https://en.gempharmatech.com/product/details100035_3691715.html

Proper Citation: RRID:IMSR_GPT:T004753

Description: Mus musculus with name C57BL/6JGpt-Rag1^{em1Cd3259}/Gpt from IMSR.

Species: Mus musculus

Notes: gene symbol note: recombination activating 1; coisogenic strain: Rag1

Affected Gene: recombination activating 1

Catalog Number: GPT:T004753

Database: GemPharmatech

Database Abbreviation: GPT

Availability: embryo

Organism Name: C57BL/6JGpt-Rag1^{em1Cd3259}/Gpt

Record Creation Time: 20250513T053934+0000

Record Last Update: 20260919T055119+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6JGpt-Rag1^{em1Cd3259}/Gpt.

No alerts have been found for C57BL/6JGpt-Rag1^{em1Cd3259}/Gpt.

Data and Source Information

Source: Integrated Animals

Source Database: GemPharmatech

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Chen GY, et al. (2026) Sensing of DNA double-strand breaks by the NHEJ system stabilizes ROR?t transcriptional activity and shapes Th17 pathogenicity in autoimmunity. Cell research, 36(5), 340.

Li X, et al. (2026) The TCR-SUB1-DOCK2 axis promotes autoimmunity by driving pathogenic CD4+ T cell tissue infiltration. Immunity, 59(1), 98.

Zhu JM, et al. (2026) Interleukin-27 remodels the bone marrow niche to suppress B-cell development and leukaemia progression in mouse models. EBioMedicine, 127, 106239.

Meng X, et al. (2025) CXXC-finger protein 1 associates with FOXP3 to stabilize homeostasis and suppressive functions of regulatory T cells. eLife, 13.

Chao J, et al. (2025) FAD synthase confers ferroptosis resistance and restrains CD8+ T cell recruitment in hepatocellular carcinoma. Nature communications, 16(1), 9547.

Xiao Z, et al. (2025) Engineered T cells stimulate dendritic cell recruitment and antigen spreading for potent anti-tumor immunity. Cell reports. Medicine, 6(9), 102307.

Wu M, et al. (2025) TMEM16F phospholipid scramblase regulates tumorigenesis by modulating the tumor immune microenvironment. Proceedings of the National Academy of Sciences of the United States of America, 122(42), e2513910122.

Tang Z, et al. (2025) Spatial transcriptomics reveals tryptophan metabolism restricting maturation of intratumoral tertiary lymphoid structures. Cancer cell, 43(6), 1025.

You Y, et al. (2024) Crystalline silica-induced recruitment and immuno-imbalance of CD4+ tissue resident memory T cells promote silicosis progression. Communications biology, 7(1), 971.

Wang H, et al. (2024) Preclinical study and phase II trial of adapting low-dose radiotherapy to immunotherapy in small cell lung cancer. Med (New York, N.Y.), 5(10), 1237.

Wu J, et al. (2024) Microbiota-induced alteration of kynurenine metabolism in macrophages drives formation of creeping fat in Crohn's disease. Cell host & microbe, 32(11), 1927.

Cong J, et al. (2024) Bile acids modified by the intestinal microbiota promote colorectal cancer growth by suppressing CD8+ T cell effector functions. Immunity.

Cheng M, et al. (2024) ROR? is required for expansion and memory maintenance of ILC1s via a lymph node-liver axis. Cell reports, 43(2), 113786.

Wang T, et al. (2024) The histone lysine methyltransferase MLL1 regulates the activation and functional specialization of regulatory T cells. Cell reports, 43(5), 114222.

Ning H, et al. (2022) Enhancer decommissioning by MLL4 ablation elicits dsRNA-interferon signaling and GSDMD-mediated pyroptosis to potentiate anti-tumor immunity. Nature communications, 13(1), 6578.