Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

B6;129S7-Rag1^{tm1Mom}/J

RRID:IMSR_JAX:002096
Type: Organism

Proper Citation

RRID:IMSR_JAX:002096

Organism Information

URL: https://www.jax.org/strain/002096

Proper Citation: RRID:IMSR_JAX:002096

Description: Mus musculus with name B6;129S7-Rag1^{tm1Mom}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: recombination activating 1; mutant stock: Rag1

Affected Gene: recombination activating 1

Genomic Alteration: targeted mutation 1; Peter Mombaerts

Catalog Number: JAX:002096

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129S7-Rag1^{tm1Mom}/J

Record Creation Time: 20250513T053629+0000

Record Last Update: 20260808T050831+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S7-Rag1^{tm1Mom}/J.

No alerts have been found for B6;129S7-Rag1^{tm1Mom}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Tsymala I, et al. (2026) Innate lymphoid cells integrate sensing and plasticity to control fungal infections. Cell reports, 45(4), 117140.

Sharma P, et al. (2025) Smoking-induced gut microbial dysbiosis mediates cancer progression through modulation of anti-tumor immune response. iScience, 28(3), 112002.

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

Penninger P, et al. (2024) HDAC1 fine-tunes Th17 polarization in vivo to restrain tissue damage in fungal infections. Cell reports, 43(12), 114993.

Calvo S, et al. (2024) Correlation between systemic allergen desensitisation and long-term asthma protection in mice following intravenous administration of the live tuberculosis vaccine MTBVAC. EBioMedicine, 107, 105272.

Earhart AP, et al. (2023) Lower female survival from an opportunistic infection reveals progesterone-driven sex bias in trained immunity. Cell reports, 42(8), 113007.

Masle-Farquhar E, et al. (2022) Uncontrolled CD21low age-associated and B1 B cell accumulation caused by failure of an EGR2/3 tolerance checkpoint. Cell reports, 38(3), 110259.

Masle-Farquhar E, et al. (2022) STAT3 gain-of-function mutations connect leukemia with autoimmune disease by pathological NKG2Dhi CD8+ T cell dysregulation and accumulation. Immunity, 55(12), 2386.

Fitzgerald B, et al. (2021) A mouse model for the study of anti-tumor T cell responses in Kras-driven lung adenocarcinoma. Cell reports methods, 1(5).

Moroishi T, et al. (2016) The Hippo Pathway Kinases LATS1/2 Suppress Cancer Immunity. Cell, 167(6), 1525.

Römer C, et al. (2015) Blocking stroke-induced immunodeficiency increases CNS antigen-specific autoreactivity but does not worsen functional outcome after experimental stroke. The Journal of neuroscience : the official journal of the Society for Neuroscience, 35(20), 7777.