

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 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: 20260815T050538+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 [dkNET](#) .

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 CD21^{low} 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.