

# Resource Summary Report

Generated by [kravitz2](#) on Sep 20, 2026

## C57BL/6J-Rag2<sup>em3</sup>Lutzy/J

RRID:IMSR\_JAX:033526

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:033526

### Organism Information

**URL:** <https://www.jax.org/strain/033526>

**Proper Citation:** RRID:IMSR\_JAX:033526

**Description:** Mus musculus with name C57BL/6J-Rag2<sup>em3</sup>Lutzy/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: recombination activating gene 2; coisogenic strain|mutant strain: Rag2

**Affected Gene:** recombination activating gene 2

**Genomic Alteration:** endonuclease-mediated mutation 3; Cathy Lutz

**Catalog Number:** JAX:033526

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** live

**Organism Name:** C57BL/6J-Rag2<sup>em3</sup>Lutzy/J

**Record Creation Time:** 20250513T053836+0000

**Record Last Update:** 20260919T055019+0000

### Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Rag2<sup>em3</sup>Lutzy/J.

No alerts have been found for C57BL/6J-Rag2<sup>em3</sup>Lutzy/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Sajani A, et al. (2026) Heterogeneity and plasticity of the naive CD4+ T cell compartment. Cell reports, 45(3), 116980.

Weller C, et al. (2025) Translation dysregulation in cancer as a source for targetable antigens. Cancer cell, 43(5), 823.

Foster WS, et al. (2022) Tfh cells and the germinal center are required for memory B cell formation & humoral immunity after ChAdOx1 nCoV-19 vaccination. Cell reports. Medicine, 3(12), 100845.

Xiang H, et al. (2022) Vps33B controls Treg cell suppressive function through inhibiting lysosomal nutrient sensing complex-mediated mTORC1 activation. Cell reports, 39(11), 110943.