

Resource Summary Report

Generated by T1D on Sep 22, 2026

C57BL/6J-Rag2^{em3}Lutzky/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^{em3}Lutzky/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^{em3}Lutzky/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^{em3}Lutzky/J.

No alerts have been found for C57BL/6J-Rag2^{em3}Lutzky/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

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.