

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6.129S-Rag2^{tm1Fwa} Cd47 Il2rg/J

RRID:IMSR_JAX:025730

Type: Organism

Proper Citation

RRID:IMSR_JAX:025730

Organism Information

URL: <https://www.jax.org/strain/025730>

Proper Citation: RRID:IMSR_JAX:025730

Description: Mus musculus with name B6.129S-Rag2^{tm1Fwa} Cd47 Il2rg/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: recombination activating gene 2|CD47 antigen (Rh-related antigen; integrin-associated signal transducer)|interleukin 2 receptor; gamma chain; mutant strain|congenic strain: Rag2|Cd47|Il2rg

Affected Gene: recombination activating gene 2|CD47 antigen (Rh-related antigen; integrin-associated signal transducer)|interleukin 2 receptor; gamma chain

Genomic Alteration: targeted mutation 1; Frederick W Alt|targeted mutation 1; Frederik P Lindberg|targeted mutation 1; Warren J Leonard

Catalog Number: JAX:025730

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S-Rag2^{tm1Fwa} Cd47 Il2rg/J

Record Creation Time: 20250513T053755+0000

Record Last Update: 20260725T044501+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S-Rag2^{tm1Fwa} Cd47 Il2rg/J.

No alerts have been found for B6.129S-Rag2^{tm1Fwa} Cd47 Il2rg/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Attig J, et al. (2023) Human endogenous retrovirus onco-exaptation counters cancer cell senescence through calbindin. The Journal of clinical investigation, 133(14).

Maradana MR, et al. (2023) Dietary environmental factors shape the immune defense against Cryptosporidium infection. Cell host & microbe, 31(12), 2038.

Holguin L, et al. (2022) Novel Humanized Peripheral Blood Mononuclear Cell Mouse Model with Delayed Onset of Graft-versus-Host Disease for Preclinical HIV Research. Journal of virology, 96(3), e0139421.

Tejada MA, et al. (2022) Identification of Altered Evoked and Non-Evoked Responses in a Heterologous Mouse Model of Endometriosis-Associated Pain. Biomedicines, 10(2).

Rose M, et al. (2020) Endothelial cells derived from patients' induced pluripotent stem cells for sustained factor VIII delivery and the treatment of hemophilia A. Stem cells translational medicine, 9(6), 686.

Pache L, et al. (2020) Pharmacological Activation of Non-canonical NF- κ B Signaling Activates Latent HIV-1 Reservoirs In Vivo. Cell reports. Medicine, 1(3), 100037.