

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

C57BL/6-II15ra^{tm2.1Ama}/J

RRID:IMSR_JAX:022365

Type: Organism

Proper Citation

RRID:IMSR_JAX:022365

Organism Information

URL: <https://www.jax.org/strain/022365>

Proper Citation: RRID:IMSR_JAX:022365

Description: Mus musculus with name C57BL/6-II15ra^{tm2.1Ama}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: interleukin 15 receptor; alpha chain; coisogenic strain|mutant strain: II15ra

Affected Gene: interleukin 15 receptor; alpha chain

Genomic Alteration: targeted mutation 2.1; Averil Ma

Catalog Number: JAX:022365

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-II15ra^{tm2.1Ama}/J

Record Creation Time: 20250513T053745+0000

Record Last Update: 20260808T050948+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-II15ra^{tm2.1Ama}/J.

No alerts have been found for C57BL/6-II15ra^{tm2.1Ama}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Corral D, et al. (2025) Mammary intraepithelial lymphocytes promote lactogenesis and offspring fitness. *Cell*, 188(6), 1662.

Loro E, et al. (2019) Effect of Interleukin-15 Receptor Alpha Ablation on the Metabolic Responses to Moderate Exercise Simulated by in vivo Isometric Muscle Contractions. *Frontiers in physiology*, 10, 1439.

Baumann NS, et al. (2018) Tissue maintenance of CMV-specific inflationary memory T cells by IL-15. *PLoS pathogens*, 14(4), e1006993.