

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

B6;129S1-II1r1^{tm1Roml}/J

RRID:IMSR_JAX:003018

Type: Organism

Proper Citation

RRID:IMSR_JAX:003018

Organism Information

URL: <https://www.jax.org/strain/003018>

Proper Citation: RRID:IMSR_JAX:003018

Description: Mus musculus with name B6;129S1-II1r1^{tm1Roml}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: interleukin 1 receptor; type I; mutant stock: II1r1

Affected Gene: interleukin 1 receptor; type I

Genomic Alteration: targeted mutation 1; Mark A Labow

Catalog Number: JAX:003018

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S1-II1r1^{tm1Roml}/J

Record Creation Time: 20250513T053636+0000

Record Last Update: 20260912T060421+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S1-II1r1^{tm1Roml}/J.

No alerts have been found for B6;129S1-II1r1^{tm1Roml}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Tai KY, et al. (2025) Adipocyte lipolysis activates epithelial stem cells for hair regeneration through fatty acid metabolic signaling. *Cell metabolism*, 37(11), 2202.

Mudalagiriappa S, et al. (2022) GM-CSF+ Tc17 cells are required to bolster vaccine immunity against lethal fungal pneumonia without causing overt pathology. *Cell reports*, 41(4), 111543.

Tufail Y, et al. (2017) Phosphatidylserine Exposure Controls Viral Innate Immune Responses by Microglia. *Neuron*, 93(3), 574.

Abbate A, et al. (2011) Alterations in the interleukin-1/interleukin-1 receptor antagonist balance modulate cardiac remodeling following myocardial infarction in the mouse. *PLoS one*, 6(11), e27923.

Moayeri M, et al. (2010) Inflammasome sensor Nlrp1b-dependent resistance to anthrax is mediated by caspase-1, IL-1 signaling and neutrophil recruitment. *PLoS pathogens*, 6(12), e1001222.