

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

B6.129S2-II10rb^{tm1Agt/J}

RRID:IMSR_JAX:005027

Type: Organism

Proper Citation

RRID:IMSR_JAX:005027

Organism Information

URL: <https://www.jax.org/strain/005027>

Proper Citation: RRID:IMSR_JAX:005027

Description: Mus musculus with name B6.129S2-II10rb^{tm1Agt/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: interleukin 10 receptor; beta; mutant strain|congenic strain: II10rb

Affected Gene: interleukin 10 receptor; beta

Genomic Alteration: targeted mutation 1; Michael Aguet

Catalog Number: JAX:005027

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S2-II10rb^{tm1Agt/J}

Record Creation Time: 20250513T053647+0000

Record Last Update: 20260912T060432+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-II10rb^{tm1Agt/J}.

No alerts have been found for B6.129S2-II10rb^{tm1Agt/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Hamilton AM, et al. (2024) Diet-microbiome interactions promote enteric nervous system resilience following spinal cord injury. NPJ biofilms and microbiomes, 10(1), 75.

Hernandez-Malmierca P, et al. (2022) Antigen presentation safeguards the integrity of the hematopoietic stem cell pool. Cell stem cell, 29(5), 760.

Wang W, et al. (2022) Mobilizing phospholipids on tumor plasma membrane implicates phosphatidylserine externalization blockade for cancer immunotherapy. Cell reports, 41(5), 111582.

Runge EM, et al. (2020) CD4+ T cell expression of the IL-10 receptor is necessary for facial motoneuron survival after axotomy. Journal of neuroinflammation, 17(1), 121.

Chrisikos TT, et al. (2020) STAT3 Inhibits CD103+ cDC1 Vaccine Efficacy in Murine Breast Cancer. Cancers, 12(1).

Tomlinson JE, et al. (2018) Temporal changes in macrophage phenotype after peripheral nerve injury. Journal of neuroinflammation, 15(1), 185.

Proto JD, et al. (2018) Regulatory T Cells Promote Macrophage Efferocytosis during Inflammation Resolution. Immunity, 49(4), 666.

Burrack KS, et al. (2018) Interleukin-15 Complex Treatment Protects Mice from Cerebral Malaria by Inducing Interleukin-10-Producing Natural Killer Cells. Immunity, 48(4), 760.