Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

B6(129S4)-Il33$^{tm1.1Bryc}$/J

RRID:IMSR_JAX:030619
Type: Organism

Proper Citation

RRID:IMSR_JAX:030619

Organism Information

URL: https://www.jax.org/strain/030619

Proper Citation: RRID:IMSR_JAX:030619

Description: Mus musculus with name B6(129S4)-Il33$^{tm1.1Bryc}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |interleukin 33; mutant strain: |Il33

Affected Gene: |interleukin 33

Genomic Alteration: targeted mutation 1.1; Paul Bryce

Catalog Number: JAX:030619

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:30619

Organism Name: B6(129S4)-Il33$^{tm1.1Bryc}$/J

Record Creation Time: 20230509T193331+0000

Record Last Update: 20250412T090809+0000

Ratings and Alerts

No rating or validation information has been found for B6(129S4)-Il33$^{tm1.1Bryc}$/J.

No alerts have been found for B6(129S4)-Il33$^{tm1.1Bryc}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Mattar P, et al. (2024) Insulin and leptin oscillations license food-entrained browning and metabolic flexibility. Cell reports, 43(7), 114390.

Sacks D, et al. (2023) Dermis resident macrophages orchestrate localized ILC2-eosinophil circuitries to maintain their M2-like properties and promote non-healing cutaneous leishmaniasis. Research square.

Burganova G, et al. (2023) Pericytes modulate islet immune cells and insulin secretion through Interleukin-33 production in mice. Frontiers in endocrinology, 14, 1142988.

Yang X, et al. (2022) Very-low-density lipoprotein receptor-enhanced lipid metabolism in pancreatic stellate cells promotes pancreatic fibrosis. Immunity, 55(7), 1185.

Clark JT, et al. (2021) IL-33 promotes innate lymphoid cell-dependent IFN-? production required for innate immunity to Toxoplasma gondii. eLife, 10.