

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

B6.129-Reg3g^{tm1.1Lv}h/J

RRID:IMSR_JAX:017480

Type: Organism

Proper Citation

RRID:IMSR_JAX:017480

Organism Information

URL: <https://www.jax.org/strain/017480>

Proper Citation: RRID:IMSR_JAX:017480

Description: Mus musculus with name B6.129-Reg3g^{tm1.1Lv}h/J from IMSR.

Species: Mus musculus

Synonyms: B6.129-Reg3g/J

Notes: gene symbol note: regenerating islet-derived 3 gamma; mutant strain|congenic strain: Reg3g

Affected Gene: regenerating islet-derived 3 gamma

Genomic Alteration: targeted mutation 1.1; Lora Hooper

Catalog Number: JAX:017480

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Reg3g^{tm1.1Lv}h/J

Record Creation Time: 20250513T053732+0000

Record Last Update: 20260905T044515+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Reg3g^{tm1.1Lv}h/J.

No alerts have been found for B6.129-Reg3g^{tm1.1Lv}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Frazier K, et al. (2022) High-fat diet disrupts REG3 γ and gut microbial rhythms promoting metabolic dysfunction. Cell host & microbe, 30(6), 809.

Thaiss CA, et al. (2016) Microbiota Diurnal Rhythmicity Programs Host Transcriptome Oscillations. Cell, 167(6), 1495.