

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

B6;129-Grm5^{tm1Rod}/J

RRID:IMSR_JAX:003121

Type: Organism

Proper Citation

RRID:IMSR_JAX:003121

Organism Information

URL: <https://www.jax.org/strain/003121>

Proper Citation: RRID:IMSR_JAX:003121

Description: Mus musculus with name B6;129-Grm5^{tm1Rod}/J from IMSR.

Species: Mus musculus

Synonyms: B6;129-Gprc1e

Notes: gene symbol note: glutamate receptor; metabotropic 5; mutant stock: Grm5

Affected Gene: glutamate receptor; metabotropic 5

Genomic Alteration: targeted mutation 1; John C Roder

Catalog Number: JAX:003121

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129-Grm5^{tm1Rod}/J

Record Creation Time: 20250513T053637+0000

Record Last Update: 20260725T044346+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Grm5^{tm1Rod}/J.

No alerts have been found for B6;129-Grm5^{tm1Rod}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Choi WM, et al. (2019) Glutamate Signaling in Hepatic Stellate Cells Drives Alcoholic Steatosis. Cell metabolism, 30(5), 877.