

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

B6.129-Gria4^{tm1Rlh}/J

RRID:IMSR_JAX:012619

Type: Organism

Proper Citation

RRID:IMSR_JAX:012619

Organism Information

URL: <https://www.jax.org/strain/012619>

Proper Citation: RRID:IMSR_JAX:012619

Description: Mus musculus with name B6.129-Gria4^{tm1Rlh}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: glutamate receptor; ionotropic; AMPA4 (alpha 4); mutant strain|congenic strain: Gria4

Affected Gene: glutamate receptor; ionotropic; AMPA4 (alpha 4)

Genomic Alteration: targeted mutation 1; Richard L Huganir

Catalog Number: JAX:012619

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Gria4^{tm1Rlh}/J

Record Creation Time: 20250513T053721+0000

Record Last Update: 20260815T050632+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Gria4^{tm1Rlh}/J.

No alerts have been found for B6.129-Gria4^{tm1Rlh}/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 [NIF](#) .

García-Hernández S, et al. (2022) Role of GluA4 in the acoustic and tactile startle responses. Hearing research, 414, 108410.