

# Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

## B6.129-Gria4<sup>tm1Rlh</sup>/J

RRID:IMSR\_JAX:012619

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:012619

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### Organism Information

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

**Proper Citation:** RRID:IMSR\_JAX:012619

**Description:** Mus musculus with name B6.129-Gria4<sup>tm1Rlh</sup>/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<sup>tm1Rlh</sup>/J

**Record Creation Time:** 20250513T053721+0000

**Record Last Update:** 20260919T054909+0000

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### Ratings and Alerts

No rating or validation information has been found for B6.129-Gria4<sup>tm1Rlh</sup>/J.

No alerts have been found for B6.129-Gria4<sup>tm1Rlh</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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