

# Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

## B6.129-Adarb1<sup>tm1Phs</sup> Gria2<sup>tm1.1Phs</sup>/Mmnc

RRID:MMRRC\_034679-UNC

Type: Organism

### Proper Citation

RRID:MMRRC\_034679-UNC

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=34679](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=34679)

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**Description:** Mus musculus with name B6.129-Adarb1<sup>tm1Phs</sup> Gria2<sup>tm1.1Phs</sup>/Mmnc from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Sensorineural; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** no abnormal phenotype detected [MP:0002169]| postnatal lethality [MP:0011086]| seizures [MP:0002064]| no abnormal phenotype detected [MP:0002169]| abnormal AMPA-mediated synaptic currents [MP:0002885]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011086]

**Affected Gene:** |Adarb1||Gria2

**Catalog Number:** 034679-UNC

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Source References:** [PMID:10894545](#)

**Alternate IDs:** MMRRC\_34679-UNC, MMRRC\_034679, MMRRC\_34679

**Organism Name:** B6.129-Adarb1<sup>tm1Phs</sup> Gria2<sup>tm1.1Phs</sup>/Mmnc

**Record Creation Time:** 20230308T055134+0000

**Record Last Update:** 20260801T124310+0000

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## Ratings and Alerts

No rating or validation information has been found for B6.129-*Adarb1*<sup>tm1Phs</sup> *Gria2*<sup>tm1.1Phs</sup>/Mmnc.

No alerts have been found for B6.129-*Adarb1*<sup>tm1Phs</sup> *Gria2*<sup>tm1.1Phs</sup>/Mmnc.

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## Data and Source Information

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

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Larrea E, et al. (2025) RNA modifications, alternative splicing and circular RNA landscape in the mouse brain: inosine and beyond. *Scientific reports*, 16(1), 451.

Gatsiou A, et al. (2023) The RNA editor ADAR2 promotes immune cell trafficking by enhancing endothelial responses to interleukin-6 during sterile inflammation. *Immunity*, 56(5), 979.

Sladek AL, et al. (2020) Ocular Hypertension Drives Remodeling of AMPA Receptors in Select Populations of Retinal Ganglion Cells. *Frontiers in synaptic neuroscience*, 12, 30.

Costa Cruz PH, et al. (2020) A comparative analysis of ADAR mutant mice reveals site-specific regulation of RNA editing. *RNA (New York, N.Y.)*, 26(4), 454.