

Resource Summary Report

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

B6.129-Adarb1^{tm1Phs} Gria2^{tm1.1Phs}/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

Proper Citation: RRID:MMRRC_034679-UNC

Description: Mus musculus with name B6.129-Adarb1^{tm1Phs} Gria2^{tm1.1Phs}/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^{tm1Phs} Gria2^{tm1.1Phs}/Mmnc

Record Creation Time: 20230308T055134+0000

Record Last Update: 20260801T124310+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-*Adarb1^{tm1Phs} Gria2^{tm1.1Phs}*/Mmnc.

No alerts have been found for B6.129-*Adarb1^{tm1Phs} Gria2^{tm1.1Phs}*/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

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

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.

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.

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.