Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 8, 2025

B6.129P2-*Gria3*^{tm1Dgen}/Mmnc

RRID:MMRRC_030969-UNC
Type: Organism

Proper Citation

RRID:MMRRC_030969-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30969

Proper Citation: RRID:MMRRC_030969-UNC

Description: Mus musculus with name B6.129P2-*Gria3*^{tm1Dgen}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Neurobiology; Mutation Type: Targeted Mutation ; Collection: Deltagen

Phenotype: decreased body weight [MP:0001262]| ataxia [MP:0001393]| decreased startle reflex [MP:0001489]| increased thermal nociceptive threshold [MP:0001973]| decreased susceptibility to pharmacologically induced seizures [MP:0002887]| absence seizures [MP:0003216]

Affected Gene: Gria3

Catalog Number: 030969-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:18316356

Alternate IDs: MMRRC_30969-UNC, MMRRC_030969, MMRRC_3969

Organism Name: B6.129P2-*Gria3*^{tm1Dgen}/Mmnc

Record Creation Time: 20230308T055121+0000

Record Last Update: 20250225T012512+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-*Gria3*^{tm1Dgen}/Mmnc.

No alerts have been found for B6.129P2-*Gria3*^{tm1Dgen}/Mmnc.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

van der Spek SJF, et al. (2022) Expression and Interaction Proteomics of GluA1- and GluA3-Subunit-Containing AMPARs Reveal Distinct Protein Composition. Cells, 11(22).

Renner MC, et al. (2017) Synaptic plasticity through activation of GluA3-containing AMPA-receptors. eLife, 6.