

Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

B6;129X1-Grin3a^{tm1Nnk/J}

RRID:IMSR_JAX:029974

Type: Organism

Proper Citation

RRID:IMSR_JAX:029974

Organism Information

URL: <https://www.jax.org/strain/029974>

Proper Citation: RRID:IMSR_JAX:029974

Description: Mus musculus with name B6;129X1-Grin3a^{tm1Nnk/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: glutamate receptor ionotropic; NMDA3A; mutant stock: Grin3a

Affected Gene: glutamate receptor ionotropic; NMDA3A

Genomic Alteration: targeted mutation 1; Nobuki Nakanishi

Catalog Number: JAX:029974

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129X1-Grin3a^{tm1Nnk/J}

Record Creation Time: 20250513T053812+0000

Record Last Update: 20260808T051009+0000

Ratings and Alerts

No rating or validation information has been found for B6;129X1-Grin3a^{tm1Nnk/J}.

No alerts have been found for B6;129X1-Grin3a^{tm1Nnk/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Conde-Dusman MJ, et al. (2021) Control of protein synthesis and memory by GluN3A-NMDA receptors through inhibition of GIT1/mTORC1 assembly. eLife, 10.

Zhu Z, et al. (2020) Negative allosteric modulation of GluN1/GluN3 NMDA receptors. Neuropharmacology, 176, 108117.