

Resource Summary Report

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

C57BL/6J-Grin2b^{em5Lutzy/J}

RRID:IMSR_JAX:032664

Type: Organism

Proper Citation

RRID:IMSR_JAX:032664

Organism Information

URL: <https://www.jax.org/strain/032664>

Proper Citation: RRID:IMSR_JAX:032664

Description: Mus musculus with name C57BL/6J-Grin2b^{em5Lutzy/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: glutamate receptor; ionotropic; NMDA2B (epsilon 2); coisogenic strain|mutant strain: Grin2b

Affected Gene: glutamate receptor; ionotropic; NMDA2B (epsilon 2)

Genomic Alteration: endonuclease-mediated mutation 5; Cathy Lutz

Catalog Number: JAX:032664

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6J-Grin2b^{em5Lutzy/J}

Record Creation Time: 20250513T053830+0000

Record Last Update: 20260919T055014+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Grin2b^{em5Lutzy/J}.

No alerts have been found for C57BL/6J-Grin2b^{em5Lutzy/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Munz M, et al. (2023) Pyramidal neurons form active, transient, multilayered circuits perturbed by autism-associated mutations at the inception of neocortex. Cell, 186(9), 1930.