

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

LE-Grin2a^{em1Sidb}

RRID:RGD_626170601

Type: Organism

Proper Citation

RRID:RGD_626170601

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=626170601>

Proper Citation: RRID:RGD_626170601

Description: Rattus norvegicus with name LE-Grin2a^{em1Sidb} from RGD.

Species: Rattus norvegicus

Notes: In collaboration with Horizon Discovery, we generated a CRISPR/Cas9-mediated deletion of a 1065bp region spanning Grin2a exon 8 (which encodes key pore forming domains of GluN2A) in Long Evans (LE) embryos, generating a KO allele. Simons Initiative for the Developing Brain (SIDB), Institute for Neuroscience and Cardiovascular Research, University of Edinburgh, Edinburgh EH8 9XD, UK. Contact SIDB Scientific Officer for enquiries on rat distribution (sidbadm@ed.ac.uk).

Catalog Number: 626170601

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals (as of 2025-09-02)

Alternate IDs: 626170601

Organism Name: LE-Grin2a^{em1Sidb}

Record Creation Time: 20250910T064905+0000

Record Last Update: 20260808T193753+0000

Ratings and Alerts

No rating or validation information has been found for LE-*Grin2a*^{em1Sidb}.

No alerts have been found for LE-*Grin2a*^{em1Sidb}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.