

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

B6.129-Grin1^{tm1Rsp}/Kctt

RRID:IMSR_EM:09220

Type: Organism

Proper Citation

RRID:IMSR_EM:09220

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=9220>

Proper Citation: RRID:IMSR_EM:09220

Description: Mus musculus with name B6.129-Grin1^{tm1Rsp}/Kctt from IMSR.

Species: Mus musculus

Synonyms: Grin1-2lox/Rsp (lab name NR1-2lox)

Notes: gene symbol note: glutamate receptor; ionotropic; NMDA1 (zeta 1); mutant strain: Grin1

Affected Gene: glutamate receptor; ionotropic; NMDA1 (zeta 1)

Genomic Alteration: targeted mutation 1; Rolf Sprengel

Catalog Number: EM:09220

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Organism Name: B6.129-Grin1^{tm1Rsp}/Kctt

Record Creation Time: 20250513T062250+0000

Record Last Update: 20260725T053019+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Grin1^{tm1Rsp}/Kctt.

No alerts have been found for B6.129-Grin1^{tm1Rsp/Kctt}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Bertocchi I, et al. (2023) Pre- and postsynaptic N-methyl-D-aspartate receptors are required for sequential printing of fear memory engrams. iScience, 26(11), 108050.

Kilonzo K, et al. (2021) Delayed-matching-to-position working memory in mice relies on NMDA-receptors in prefrontal pyramidal cells. Scientific reports, 11(1), 8788.