

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

B6.129-Grm4^{tm1Hpn}/J

RRID:IMSR_JAX:003619

Type: Organism

Proper Citation

RRID:IMSR_JAX:003619

Organism Information

URL: <https://www.jax.org/strain/003619>

Proper Citation: RRID:IMSR_JAX:003619

Description: Mus musculus with name B6.129-Grm4^{tm1Hpn}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129-Gprc1d

Notes: gene symbol note: glutamate receptor; metabotropic 4; mutant strain|congenic strain: Grm4

Affected Gene: glutamate receptor; metabotropic 4

Genomic Alteration: targeted mutation 1; David R Hampson

Catalog Number: JAX:003619

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129-Grm4^{tm1Hpn}/J

Record Creation Time: 20250513T053640+0000

Record Last Update: 20260829T044930+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Grm4^{tm1Hpn}/J.

No alerts have been found for B6.129-Grm4^{tm1Hpn/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Notartomaso S, et al. (2022) Analgesic Activity of Cinnabarinic Acid in Models of Inflammatory and Neuropathic Pain. *Frontiers in molecular neuroscience*, 15, 892870.

Bossi S, et al. (2018) A Light-Controlled Allosteric Modulator Unveils a Role for mGlu4 Receptors During Early Stages of Ischemia in the Rodent Cerebellar Cortex. *Frontiers in cellular neuroscience*, 12, 449.

Volpi C, et al. (2016) Allosteric modulation of metabotropic glutamate receptor 4 activates IDO1-dependent, immunoregulatory signaling in dendritic cells. *Neuropharmacology*, 102, 59.