

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

B6.129-Gabrd^{tm1Geh}/J

RRID:IMSR_JAX:003725

Type: Organism

Proper Citation

RRID:IMSR_JAX:003725

Organism Information

URL: <https://www.jax.org/strain/003725>

Proper Citation: RRID:IMSR_JAX:003725

Description: Mus musculus with name B6.129-Gabrd^{tm1Geh}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: gamma-aminobutyric acid (GABA) A receptor; subunit delta; mutant strain|congenic strain: Gabrd

Affected Gene: gamma-aminobutyric acid (GABA) A receptor; subunit delta

Genomic Alteration: targeted mutation 1; Gregg E Homanics

Catalog Number: JAX:003725

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129-Gabrd^{tm1Geh}/J

Record Creation Time: 20250513T053641+0000

Record Last Update: 20260808T050842+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Gabrd^{tm1Geh}/J.

No alerts have been found for B6.129-Gabrd^{tm1Geh}/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 [SPARC SAWG](#) .

Cong L, et al. (2025) Gene Deficiency of γ Subunit-Containing GABAA Receptor in mPFC Leads to Impaired Learning and Memory Impairment in Mice. *Neurochemical research*, 50(1), 71.

Yang J, et al. (2023) Ventral tegmental area astrocytes modulate cocaine reward by tonically releasing GABA. *Neuron*, 111(7), 1104.

Rudolph S, et al. (2020) Cerebellum-Specific Deletion of the GABAA Receptor γ Subunit Leads to Sex-Specific Disruption of Behavior. *Cell reports*, 33(5), 108338.