

# Resource Summary Report

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

## B6.129-Gabrd<sup>tm1Geh</sup>/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<sup>tm1Geh</sup>/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<sup>tm1Geh</sup>/J

**Record Creation Time:** 20250513T053641+0000

**Record Last Update:** 20260829T044932+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129-Gabrd<sup>tm1Geh</sup>/J.

No alerts have been found for B6.129-Gabrd<sup>tm1Geh</sup>/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](#) .

Cong L, et al. (2025) Gene Deficiency of  $\gamma$  Subunit-Containing GABAA Receptor in mPFC Lead 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  $\gamma$  Subunit Leads to Sex-Specific Disruption of Behavior. *Cell reports*, 33(5), 108338.