

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

B6.Cg-Tg(Gad1-EGFP)3Gfng/J

RRID:IMSR_JAX:007673

Type: Organism

Proper Citation

RRID:IMSR_JAX:007673

Organism Information

URL: <https://www.jax.org/strain/007673>

Proper Citation: RRID:IMSR_JAX:007673

Description: Mus musculus with name B6.Cg-Tg(Gad1-EGFP)3Gfng/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 3; Guoping Feng|glutamate decarboxylase 1; mutant strain|congenic strain: |Tg(Gad1-EGFP)3Gfng|Gad1

Affected Gene: |transgene insertion 3; Guoping Feng|glutamate decarboxylase 1

Genomic Alteration: transgene insertion 3; Guoping Feng

Catalog Number: JAX:007673

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Gad1-EGFP)3Gfng/J

Record Creation Time: 20250513T053703+0000

Record Last Update: 20260815T050612+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Gad1-EGFP)3Gfng/J.

No alerts have been found for B6.Cg-Tg(Gad1-EGFP)3Gfng/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 [NIF](#) .

Zhang ZJ, et al. (2023) Descending dopaminergic pathway facilitates itch signal processing via activating spinal GRPR+ neurons. EMBO reports, 24(10), e56098.

Sabbagh U, et al. (2021) Diverse GABAergic neurons organize into subtype-specific sublaminae in the ventral lateral geniculate nucleus. Journal of neurochemistry, 159(3), 479.

Sabbagh U, et al. (2018) Distribution and development of molecularly distinct perineuronal nets in visual thalamus. Journal of neurochemistry, 147(5), 626.