

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

B6.Cg-Tg(Gja5-GCaMP2)1Mik/J

RRID:IMSR_JAX:025404

Type: Organism

Proper Citation

RRID:IMSR_JAX:025404

Organism Information

URL: <https://www.jax.org/strain/025404>

Proper Citation: RRID:IMSR_JAX:025404

Description: Mus musculus with name B6.Cg-Tg(Gja5-GCaMP2)1Mik/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(RP24-255O4-GCaMP2)1Mik/J

Notes: gene symbol note: gap junction protein; alpha 5|Genetically encoded calcium indicator|transgene insertion 1; Michael I Kotlikoff; mutant strain|congenic strain: Gja5|GCaMP|Tg(Gja5-GCaMP2)1Mik

Affected Gene: gap junction protein; alpha 5|Genetically encoded calcium indicator|transgene insertion 1; Michael I Kotlikoff

Genomic Alteration: transgene insertion 1; Michael I Kotlikoff

Catalog Number: JAX:025404

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Gja5-GCaMP2)1Mik/J

Record Creation Time: 20250513T053753+0000

Record Last Update: 20260905T044533+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Gja5-GCaMP2)1Mik/J.

No alerts have been found for B6.Cg-Tg(Gja5-GCaMP2)1Mik/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We have not found any literature mentions for this resource.