

# Resource Summary Report

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

## STOCK Tg(Gnat3-GFP)1Rfm/ChowJ

RRID:IMSR\_JAX:026704

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:026704

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### Organism Information

**URL:** <https://www.jax.org/strain/026704>

**Proper Citation:** RRID:IMSR\_JAX:026704

**Description:** Mus musculus with name STOCK Tg(Gnat3-GFP)1Rfm/ChowJ from IMSR.

**Species:** Mus musculus

**Synonyms:** 129S1.Cg-Tg(Gnat3-GFP)1Rfm/ChowJ

**Notes:** gene symbol note: G protein subunit alpha transducin 3|transgene insertion 1; Robert F Margolskeel; mutant stock: Gnat3|Tg(Gnat3-GFP)1Rfm|

**Affected Gene:** G protein subunit alpha transducin 3|transgene insertion 1; Robert F Margolskeel|

**Genomic Alteration:** transgene insertion 1; Robert F Margolskeel

**Catalog Number:** JAX:026704

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** STOCK Tg(Gnat3-GFP)1Rfm/ChowJ

**Record Creation Time:** 20250513T053758+0000

**Record Last Update:** 20260808T050958+0000

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### Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Gnat3-GFP)1Rfm/ChowJ.

No alerts have been found for STOCK Tg(Gnat3-GFP)1Rfm/ChowJ.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Meah A, et al. (2022) Axonal architecture of the mouse inner retina revealed by second harmonic generation. PNAS nexus, 1(4), pgac160.

Kulesh B, et al. (2022) Contraction of axonal and dendritic fields in Sox5-deficient cone bipolar cells is accompanied by axonal sprouting and dendritic hyper-innervation of pedicles. Frontiers in neuroanatomy, 16, 944706.

Hellmer CB, et al. (2021) Cholinergic feedback to bipolar cells contributes to motion detection in the mouse retina. Cell reports, 37(11), 110106.

Yu WQ, et al. (2018) Synaptic Convergence Patterns onto Retinal Ganglion Cells Are Preserved despite Topographic Variation in Pre- and Postsynaptic Territories. Cell reports, 25(8), 2017.