

Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

STOCK Tg(Gnat3-GFP)1Rfm/ChowJ

RRID:IMSR_JAX:026704

Type: Organism

Proper Citation

RRID:IMSR_JAX:026704

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: transgene insertion 1; Robert F Margolskee|G protein subunit alpha transducin 3|; mutant stock: Tg(Gnat3-GFP)1Rfm|Gnat3|

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

Genomic Alteration: transgene insertion 1; Robert F Margolskee

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: 20260912T060539+0000

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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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.