

Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 2026

STOCK Gnat2^{cpfl3} Gnat1/BocJ

RRID:IMSR_JAX:033163

Type: Organism

Proper Citation

RRID:IMSR_JAX:033163

Organism Information

URL: <https://www.jax.org/strain/033163>

Proper Citation: RRID:IMSR_JAX:033163

Description: Mus musculus with name STOCK Gnat2^{cpfl3} Gnat1/BocJ from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Gnat2 Gnat1/Boc. B6.Cg-Gnat2 Gnat1/BocJ

Notes: gene symbol note: G protein subunit alpha transducin 1|G protein subunit alpha transducin 2; mutant strain|mutant stock: Gnat1|Gnat2

Affected Gene: G protein subunit alpha transducin 1|G protein subunit alpha transducin 2

Genomic Alteration: ICR derived retinal dysfunction rod|cone photoreceptor function loss 3

Catalog Number: JAX:033163

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Gnat2^{cpfl3} Gnat1/BocJ

Record Creation Time: 20250513T053833+0000

Record Last Update: 20260912T060606+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Gnat2^{cpfl3} Gnat1/BocJ.

No alerts have been found for STOCK Gnat2^{cpfl3} Gnat1/BocJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Gonzalez LS, et al. (2023) Ventral striatum dopamine release encodes unique properties of visual stimuli in mice. eLife, 12.