

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

B6.Cg-Gnat1^{irdr}/Boc

RRID:IMSR_JAX:008811

Type: Organism

Proper Citation

RRID:IMSR_JAX:008811

Organism Information

URL: <https://www.jax.org/strain/008811>

Proper Citation: RRID:IMSR_JAX:008811

Description: Mus musculus with name B6.Cg-Gnat1^{irdr}/Boc from IMSR.

Species: Mus musculus

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

Affected Gene: G protein subunit alpha transducin 1

Genomic Alteration: ICR derived retinal dysfunction rod

Catalog Number: JAX:008811

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Gnat1^{irdr}/Boc

Record Creation Time: 20250513T053711+0000

Record Last Update: 20260912T060457+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gnat1^{irdr}/Boc.

No alerts have been found for B6.Cg-Gnat1^{irdr}/Boc.

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](#) .

Housset M, et al. (2024) Identification of a non-canonical planar cell polarity pathway triggered by light in the developing mouse retina. Developmental cell.

Fitzpatrick MJ, et al. (2024) A pupillary contrast response in mice and humans: Neural mechanisms and visual functions. Neuron, 112(14), 2404.

Stofkova A, et al. (2021) Depletion of Retinal Dopaminergic Activity in a Mouse Model of Rod Dysfunction Exacerbates Experimental Autoimmune Uveoretinitis: A Role for the Gateway Reflex. International journal of molecular sciences, 23(1).