

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

Gnat1^{tm1Clma}/Gnat1^{tm1Clma}

RRID:MGI:3640094

Type: Organism

Proper Citation

RRID:MGI:3640094

Organism Information

URL:

Proper Citation: RRID:MGI:3640094

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: taste/olfaction phenotype, abnormal retinal rod cell outer segment morphology, abnormal rod electrophysiology, abnormal retinal neuronal layer morphology, abnormal eye physiology, thin retinal outer nuclear layer, retinal degeneration, thin retinal inner nuclear layer

Affected Gene: Gnat1

Genomic Alteration: tm1Clma

Catalog Number: 3640094

Background: involves: 129S1/Sv * BALB/c

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11095744](#), [PMID:15342734](#)

Organism Name: Gnat1^{tm1Clma}/Gnat1^{tm1Clma}

Record Creation Time: 20240120T190552+0000

Record Last Update: 20240130T202000+0000

Ratings and Alerts

No rating or validation information has been found for Gnat1^{tm1Clma}/Gnat1^{tm1Clma}.

No alerts have been found for Gnat1^{tm1Clma}/Gnat1^{tm1Clma}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Munteanu T, et al. (2018) Light-dependent pathways for dopaminergic amacrine cell development and function. eLife, 7.