

Resource Summary Report

Generated by [T1D](#) on Sep 20, 2026

[Gnao1^{tm1Lbi}/Gnao1^{tm1Lbi}](#)

RRID:MGI:3615485

Type: Organism

Proper Citation

RRID:MGI:3615485

Organism Information

URL:

Proper Citation: RRID:MGI:3615485

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

Species: Mus musculus

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

Phenotype: decreased thermal nociceptive threshold, infertility, hyperactivity, hyperalgesia, impaired coordination, decreased body weight, preweaning lethality, incomplete penetrance, premature death, abnormal social investigation, decreased body size, tremors, unidirectional circling, abnormal channel response

Affected Gene: Gnao1

Genomic Alteration: tm1Lbi

Catalog Number: 3615485

Background: involves: 129S7/SvEvBrd * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9501252](#)

Organism Name: Gnao1^{tm1Lbi}/Gnao1^{tm1Lbi}

Record Creation Time: 20240120T190608+0000

Record Last Update: 20240130T202010+0000

Ratings and Alerts

No rating or validation information has been found for Gnao1^{tm1Lbi}/Gnao1^{tm1Lbi}.

No alerts have been found for Gnao1^{tm1Lbi}/Gnao1^{tm1Lbi}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.