

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

[Gnai3^{tm1Lbi}/Gnai3^{tm1Lbi}; Gnai1^{tm1Drs}/Gnai1^{tm1Drs}](#)

RRID:MGI:3710144

Type: Organism

Proper Citation

RRID:MGI:3710144

Organism Information

URL:

Proper Citation: RRID:MGI:3710144

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

Species: Mus musculus

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

Phenotype: increased tumor necrosis factor secretion, decreased interleukin-10 secretion, rib fusion, lumbar vertebral fusion, sternebra fusion, asymmetric sternocostal joints, abnormal thromboxane level

Affected Gene: Gnai1, Gnai3

Genomic Alteration: tm1Lbi, tm1Drs

Catalog Number: 3710144

Background: involves: 129S/SvEv

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15788486](#), [PMID:23236180](#)

Organism Name: Gnai3^{tm1Lbi}/Gnai3^{tm1Lbi}; Gnai1^{tm1Drs}/Gnai1^{tm1Drs}

Record Creation Time: 20240120T190523+0000

Record Last Update: 20240130T201943+0000

Ratings and Alerts

No rating or validation information has been found for Gnai3^{tm1Lbi}/Gnai3^{tm1Lbi}; Gnai1^{tm1Drs}/Gnai1^{tm1Drs}.

No alerts have been found for Gnai3^{tm1Lbi}/Gnai3^{tm1Lbi}; Gnai1^{tm1Drs}/Gnai1^{tm1Drs}.

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.