

# Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

[Gnai3<sup>tm1Lbi</sup>/Gnai3<sup>tm1Lbi</sup>](#); [Gnai1<sup>tm1Drs</sup>/Gnai1<sup>tm1Drs</sup>](#)

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<sup>tm1Lbi</sup>/Gnai3<sup>tm1Lbi</sup>; Gnai1<sup>tm1Drs</sup>/Gnai1<sup>tm1Drs</sup>

**Record Creation Time:** 20240120T190523+0000

**Record Last Update:** 20240130T201943+0000

---

## Ratings and Alerts

No rating or validation information has been found for Gnai3<sup>tm1Lbi</sup>/Gnai3<sup>tm1Lbi</sup>; Gnai1<sup>tm1Drs</sup>/Gnai1<sup>tm1Drs</sup>.

No alerts have been found for Gnai3<sup>tm1Lbi</sup>/Gnai3<sup>tm1Lbi</sup>; Gnai1<sup>tm1Drs</sup>/Gnai1<sup>tm1Drs</sup>.

---

## 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.