

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

[Il4<sup>tm1Cgn</sup>/Il4<sup>tm1Cgn</sup>; Ndfip1<sup>Gt\(RRD002\)Byg</sup>/Ndfip1<sup>Gt\(RRD002\)Byg</sup>](#)

RRID:MGI:5550267

Type: Organism

## Proper Citation

RRID:MGI:5550267

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5550267

**Description:** Allele Detail: Gene trapped, Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Gene trapped, Targeted This is a legacy resource.

**Phenotype:** increased eosinophil cell number, increased inflammatory response, increased interleukin-2 secretion, esophageal inflammation, esophageal epithelium hyperplasia, increased T cell number, premature death, lung inflammation, increased CD4-positive, alpha beta T cell number, increased neutrophil cell number, lung epithelium hyperplasia

**Affected Gene:** Il4, Ndfip1

**Genomic Alteration:** Gt(RRD002)Byg, tm1Cgn

**Catalog Number:** 5550267

**Background:** involves: 129P2/OlaHsd

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:23851689](#)

**Organism Name:** Il4<sup>tm1Cgn</sup>/Il4<sup>tm1Cgn</sup>; Ndfip1<sup>Gt(RRD002)Byg</sup>/Ndfip1<sup>Gt(RRD002)Byg</sup>

**Record Creation Time:** 20240120T190055+0000

**Record Last Update:** 20240130T201711+0000

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## Ratings and Alerts

No rating or validation information has been found for Il4<sup>tm1Cgn</sup>/Il4<sup>tm1Cgn</sup>; Ndfip1<sup>Gt(RRD002)Byg</sup>/Ndfip1<sup>Gt(RRD002)Byg</sup>.

No alerts have been found for Il4<sup>tm1Cgn</sup>/Il4<sup>tm1Cgn</sup>; Ndfip1<sup>Gt(RRD002)Byg</sup>/Ndfip1<sup>Gt(RRD002)Byg</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.