

# Resource Summary Report

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

[II4<sup>tm1Cgn</sup>/II4<sup>tm1Cgn</sup>; II21r<sup>tm1Wjl</sup>/II21r<sup>tm1Wjl</sup>](#)

RRID:MGI:3813932

Type: Organism

## Proper Citation

RRID:MGI:3813932

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3813932

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

**Species:** Mus musculus

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

**Phenotype:** decreased IgA level, decreased IgG1 level, decreased IgG2b level, decreased IgM level, decreased IgG3 level, decreased IgG2a level, abnormal immunoglobulin level, abnormal lymph node germinal center morphology

**Affected Gene:** II21r, II4

**Genomic Alteration:** tm1Wjl, tm1Cgn

**Catalog Number:** 3813932

**Background:** involves: 129 \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:12446913](#)

**Organism Name:** II4<sup>tm1Cgn</sup>/II4<sup>tm1Cgn</sup>; II21r<sup>tm1Wjl</sup>/II21r<sup>tm1Wjl</sup>

**Record Creation Time:** 20240120T190411+0000

**Record Last Update:** 20240130T201903+0000

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## Ratings and Alerts

No rating or validation information has been found for  $Il4^{tm1Cgn}/Il4^{tm1Cgn}; Il21^{tm1Wjl}/Il21^{tm1Wjl}$ .

No alerts have been found for  $Il4^{tm1Cgn}/Il4^{tm1Cgn}; Il21^{tm1Wjl}/Il21^{tm1Wjl}$ .

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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.