

# Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

## [Tg\(Lck-cre\)1Jtak; Nr4a2<sup>tm1.1Pcn</sup>/Nr4a2<sup>tm1.1Pcn</sup>](#)

RRID:MGI:5547378

Type: Organism

### Proper Citation

RRID:MGI:5547378

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5547378

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

**Species:** Mus musculus

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

**Phenotype:** increased CD4-positive, alpha beta T cell number, increased susceptibility to weight loss, abnormal T-helper 1 cell differentiation, abnormal T-helper 17 cell differentiation, abnormal regulatory T cell morphology, decreased regulatory T cell number, immune system phenotype, increased T-helper 1 cell number, increased susceptibility to induced colitis, neonatal lethality, incomplete penetrance

**Affected Gene:** Nr4a2

**Genomic Alteration:** tm1.1Pcn, Tg(Lck-cre)1Jtak

**Catalog Number:** 5547378

**Background:** Not Specified

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:21468021](#)

**Organism Name:** Tg(Lck-cre)1Jtak; Nr4a2<sup>tm1.1Pcn</sup>/Nr4a2<sup>tm1.1Pcn</sup>

**Record Creation Time:** 20240120T190056+0000

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

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## Ratings and Alerts

No rating or validation information has been found for Tg(Lck-cre)1Jtak; Nr4a2<sup>tm1.1Pcn</sup>/Nr4a2<sup>tm1.1Pcn</sup>.

No alerts have been found for Tg(Lck-cre)1Jtak; Nr4a2<sup>tm1.1Pcn</sup>/Nr4a2<sup>tm1.1Pcn</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.