

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

[Tg\(TcrAND\)53Hed; Notch1<sup>tm1Agt</sup>/Notch1<sup>tm1Agt</sup>;  
Notch2<sup>tm3Grid</sup>/Notch2<sup>tm3Grid</sup>](#)

RRID:MGI:3720331

Type: Organism

## Proper Citation

RRID:MGI:3720331

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3720331

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

**Species:** Mus musculus

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

**Phenotype:** decreased interleukin-4 secretion, abnormal response to infection, abnormal humoral immune response

**Affected Gene:** Notch1, Notch2

**Genomic Alteration:** tm1Agt, Tg(TcrAND)53Hed, tm3Grid

**Catalog Number:** 3720331

**Background:** involves: 129/Sv \* 129S1/Sv \* C57BL/6 \* SJL

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:17658279](#)

**Organism Name:** Tg(TcrAND)53Hed; Notch1<sup>tm1Agt</sup>/Notch1<sup>tm1Agt</sup>; Notch2<sup>tm3Grid</sup>/Notch2<sup>tm3Grid</sup>

**Record Creation Time:** 20240120T190505+0000

**Record Last Update:** 20240130T201933+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(TcrAND)53Hed; Notch1<sup>tm1Agt</sup>/Notch1<sup>tm1Agt</sup>; Notch2<sup>tm3Grid</sup>/Notch2<sup>tm3Grid</sup>.

No alerts have been found for Tg(TcrAND)53Hed; Notch1<sup>tm1Agt</sup>/Notch1<sup>tm1Agt</sup>; Notch2<sup>tm3Grid</sup>/Notch2<sup>tm3Grid</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.