

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[Tg\(TcrAND\)53Hed; Notch1^{tm1Agt}/Notch1^{tm1Agt};
Notch2^{tm3Grid}/Notch2^{tm3Grid}](#)

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^{tm1Agt}/Notch1^{tm1Agt}; Notch2^{tm3Grid}/Notch2^{tm3Grid}

Record Creation Time: 20240120T190505+0000

Record Last Update: 20240130T201933+0000

Ratings and Alerts

No rating or validation information has been found for Tg(TcrAND)53Hed; Notch1^{tm1Agt}/Notch1^{tm1Agt}; Notch2^{tm3Grid}/Notch2^{tm3Grid}.

No alerts have been found for Tg(TcrAND)53Hed; Notch1^{tm1Agt}/Notch1^{tm1Agt}; Notch2^{tm3Grid}/Notch2^{tm3Grid}.

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.