

Resource Summary Report

Generated by [dkNET](#) on Aug 25, 2026

Tg(Mx1-cre)1Cgn; Notch1^{tm1Agt}/Notch1^{tm1Agt}

RRID:MGI:2448711

Type: Organism

Proper Citation

RRID:MGI:2448711

Organism Information

URL:

Proper Citation: RRID:MGI:2448711

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

Species: Mus musculus

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

Phenotype: small thymus, decreased CD4-positive, alpha beta T cell number, premature death, abnormal thymus cell ratio, decreased thymocyte number, postnatal growth retardation, hematopoietic system phenotype, abnormal T cell differentiation, abnormal B cell differentiation, decreased single-positive T cell number, decreased double-negative T cell number, abnormal thymus morphology, abnormal thymus cell ratio, decreased CD8-positive, alpha-beta T cell number, decreased body weight, abnormal T cell differentiation, decreased double-positive T cell number, increased immature B cell number

Affected Gene: Notch1, Tg(Mx1-cre)1Cgn

Genomic Alteration: tm1Agt, Tg(Mx1-cre)1Cgn

Catalog Number: 2448711

Background: involves: 129 * C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18824585](#), [PMID:17261636](#), [PMID:10367900](#), [PMID:15550486](#)

Organism Name: Tg(Mx1-cre)1Cgn; Notch1^{tm1Agt}/Notch1^{tm1Agt}

Record Creation Time: 20240120T190746+0000

Record Last Update: 20240130T202106+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Mx1-cre)1Cgn; Notch1^{tm1Agt}/Notch1^{tm1Agt}.

No alerts have been found for Tg(Mx1-cre)1Cgn; Notch1^{tm1Agt}/Notch1^{tm1Agt}.

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.