

Resource Summary Report

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

[Notch1^{tm1Agt}/Notch1^{tm1Agt}; Tg\(Tek-cre\)1Ywa](#)

RRID:MGI:3710249

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3710249

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

Species: Mus musculus

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

Phenotype: abnormal somite development, abnormal anterior cardinal vein morphology, delayed heart looping, neural tube degeneration, abnormal placental labyrinth vasculature morphology, abnormal vascular branching morphogenesis, abnormal vitelline vascular remodeling, hemopericardium, abnormal angiogenesis, incomplete embryo turning, thin myocardium, embryonic growth arrest, pericardial effusion, abnormal intersomitic vessel morphology, embryonic lethality during organogenesis, complete penetrance, embryonic growth retardation, increased apoptosis, hemorrhage

Affected Gene: Notch1

Genomic Alteration: tm1Agt, Tg(Tek-cre)1Ywa

Catalog Number: 3710249

Background: involves: 129 * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15809373](#)

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

Record Creation Time: 20240120T190523+0000

Record Last Update: 20240130T201943+0000

Ratings and Alerts

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

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

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.