

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Jag1^{tm1Grid}/Jag1⁺](#); [Notch2^{tm1Grid}/Notch2⁺](#)

RRID:MGI:2384061

Type: Organism

Proper Citation

RRID:MGI:2384061

Organism Information

URL:

Proper Citation: RRID:MGI:2384061

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

Species: Mus musculus

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

Phenotype: decreased renal glomerulus number, postnatal growth retardation, increased circulating alkaline phosphatase level, increased blood urea nitrogen level, jaundice, abnormal liver morphology, cholestasis, postnatal lethality, incomplete penetrance, kidney microaneurysm, abnormal anterior eye segment morphology, overriding aortic valve, abnormal bile duct development, ventricular septal defect, ventricular hypoplasia, small kidney, abnormal glomerular capillary morphology, increased circulating alanine transaminase level, pulmonary artery stenosis, atrial septal defect

Affected Gene: Jag1, Notch2

Genomic Alteration: tm1Grid

Catalog Number: 2384061

Background: involves: 129S1/Sv * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11861489](#), [PMID:11171333](#)

Organism Name: Jag1^{tm1Grid}/Jag1⁺; Notch2^{tm1Grid}/Notch2⁺

Record Creation Time: 20240120T190748+0000

Record Last Update: 20240130T202107+0000

Ratings and Alerts

No rating or validation information has been found for Jag1^{tm1Grid}/Jag1⁺; Notch2^{tm1Grid}/Notch2⁺.

No alerts have been found for Jag1^{tm1Grid}/Jag1⁺; Notch2^{tm1Grid}/Notch2⁺.

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.