

Resource Summary Report

Generated by [T1D](#) on Sep 17, 2026

[Tg\(Mx1-cre\)1Cgn; Atg7^{tm1Tchi}/Atg7^{tm1Tchi}](#)

RRID:MGI:3590137

Type: Organism

Proper Citation

RRID:MGI:3590137

Organism Information

URL:

Proper Citation: RRID:MGI:3590137

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

Species: Mus musculus

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

Phenotype: abnormal amino acid level, abnormal hepatocyte morphology, abnormal liver morphology, enlarged liver, increased liver weight, increased circulating alkaline phosphatase level, increased hepatocyte proliferation, increased circulating aspartate transaminase level, abnormal circulating enzyme level, increased circulating aspartate transaminase level, increased circulating alkaline phosphatase level, abnormal liver physiology, increased circulating alanine transaminase level, increased circulating alanine transaminase level, decreased liver function, abnormal hepatocyte morphology, impaired autophagy, increased liver weight

Affected Gene: Atg7, Tg(Mx1-cre)1Cgn

Genomic Alteration: tm1Tchi, Tg(Mx1-cre)1Cgn

Catalog Number: 3590137

Background: involves: C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18083104](#), [PMID:15866887](#)

Organism Name: Tg(Mx1-cre)1Cgn; Atg7^{tm1Tchi}/Atg7^{tm1Tchi}

Record Creation Time: 20240120T190620+0000

Record Last Update: 20240130T202017+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Mx1-cre)1Cgn; Atg7^{tm1Tchi}/Atg7^{tm1Tchi}.

No alerts have been found for Tg(Mx1-cre)1Cgn; Atg7^{tm1Tchi}/Atg7^{tm1Tchi}.

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.