

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

Tg(Myhca-cre)1Abel; Dot1l^{tm1Tche}/Dot1l^{tm1.1Tche}

RRID:MGI:5424158

Type: Organism

Proper Citation

RRID:MGI:5424158

Organism Information

URL:

Proper Citation: RRID:MGI:5424158

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

Species: Mus musculus

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

Phenotype: postnatal lethality, incomplete penetrance, increased heart left ventricle size, heart block, atrioventricular block, prolonged P wave, prolonged PR interval, prolonged QRS complex duration, prolonged RR interval, dilated cardiomyopathy, increased heart weight, abnormal heart morphology, increased cardiomyocyte apoptosis, abnormal muscle physiology, cardiac interstitial fibrosis, increased fetal cardiomyocyte proliferation, dilated heart ventricle, decreased cardiac output, enlarged heart, premature death

Affected Gene: Dot1l

Genomic Alteration: Tg(Myhca-cre)1Abel, tm1Tche, tm1.1Tche

Catalog Number: 5424158

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21289070](#)

Organism Name: Tg(Myhca-cre)1Abel; Dot1l^{tm1Tche}/Dot1l^{tm1.1Tche}

Record Creation Time: 20240120T190148+0000

Record Last Update: 20240130T201742+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Myhca-cre)1Abel; Dot1^{tm1Tche}/Dot1^{tm1.1Tche}.

No alerts have been found for Tg(Myhca-cre)1Abel; Dot1^{tm1Tche}/Dot1^{tm1.1Tche}.

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.