

Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

[Cdh2^{tm1Glr}/Cdh2^{Gt\(OST49160\)Lex}; A1cf^{Tg\(Myh6-cre/Esr1*\)}1Jmk](#)

RRID:MGI:3580161

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3580161

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

Species: Mus musculus

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

Phenotype: decreased heart rate, abnormal myocardial fiber morphology, decreased ventricle muscle contractility, increased heart rate, premature death, decreased cardiac output, dilated heart atrium, irregular heartbeat, dilated heart left ventricle, abnormal intercalated disk morphology, abnormal cardiovascular system morphology, dilated heart right ventricle, abnormal heart shape, abnormal cardiovascular system physiology, abnormal impulse conducting system conduction

Affected Gene: Cdh2, A1cf

Genomic Alteration: tm1Glr, Tg(Myh6-cre/Esr1*)1Jmk, Gt(OST49160)Lex

Catalog Number: 3580161

Background: involves: 129S5/SvEvBrd * 129S6/SvEvTac * C57BL/6J * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15662031](#)

Organism Name: Cdh2^{tm1Glr}/Cdh2^{Gt(OST49160)Lex}; A1cf^{Tg(Myh6-cre/Esr1*)1Jmk}

Record Creation Time: 20240120T190630+0000

Record Last Update: 20240130T202022+0000

Ratings and Alerts

No rating or validation information has been found for Cdh2^{tm1Glr}/Cdh2^{Gt(OST49160)Lex}; A1cf^{Tg(Myh6-cre/Esr1*)1Jmk}.

No alerts have been found for Cdh2^{tm1Glr}/Cdh2^{Gt(OST49160)Lex}; A1cf^{Tg(Myh6-cre/Esr1*)1Jmk}.

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.