

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[Igf1r^{tm1.1Mhz}/Igf1r^{tm1.1Mhz}; Tg\(Ckmm-cre\)5Khn; Insr^{tm1Khn}/Insr^{tm1Khn}](#)

RRID:MGI:3775311

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3775311

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

Species: Mus musculus

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

Phenotype: thin interventricular septum, abnormal myocardial fiber morphology, abnormal breathing pattern, decreased heart weight, thin ventricular wall, small myocardial fiber, postnatal lethality, complete penetrance, decreased ventricle muscle contractility, dilated cardiomyopathy, homeostasis/metabolism phenotype, hypoactivity, postnatal growth retardation, small heart, cardiac interstitial fibrosis, congestive heart failure, decreased body weight, decreased heart rate, abnormal heart left ventricle morphology

Affected Gene: Insr, Igf1r

Genomic Alteration: Tg(Ckmm-cre)5Khn, tm1.1Mhz, tm1Khn

Catalog Number: 3775311

Background: involves: 129/Sv * 129S4/SvJae * C57BL/6 * FVB

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17189427](#)

Organism Name: Igf1r^{tm1.1Mhz}/Igf1r^{tm1.1Mhz}; Tg(Ckmm-cre)5Khn; Insr^{tm1Khn}/Insr^{tm1Khn}

Record Creation Time: 20240120T190445+0000

Record Last Update: 20240130T201923+0000

Ratings and Alerts

No rating or validation information has been found for Igf1r^{tm1.1Mhz}/Igf1r^{tm1.1Mhz}; Tg(Ckmm-cre)5Khn; Insr^{tm1Khn}/Insr^{tm1Khn}.

No alerts have been found for Igf1r^{tm1.1Mhz}/Igf1r^{tm1.1Mhz}; Tg(Ckmm-cre)5Khn; Insr^{tm1Khn}/Insr^{tm1Khn}.

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.