

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

[Nkx2-5^{tm1Krc}/Nkx2-5^{tm1Krc}; Isl1^{tm1\(cre\)Sev}/Isl1⁺](#)

RRID:MGI:5643691

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5643691

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

Species: Mus musculus

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

Phenotype: abnormal cardiac outflow tract development, embryonic lethality during organogenesis, complete penetrance, absent heart right ventricle

Affected Gene: Isl1, Nkx2-5

Genomic Alteration: tm1Krc, tm1(cre)Sev

Catalog Number: 5643691

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25053429](#)

Organism Name: Nkx2-5^{tm1Krc}/Nkx2-5^{tm1Krc}; Isl1^{tm1(cre)Sev}/Isl1⁺

Record Creation Time: 20240120T190026+0000

Record Last Update: 20240130T201654+0000

Ratings and Alerts

No rating or validation information has been found for Nkx2-5^{tm1Krc}/Nkx2-5^{tm1Krc}; Isl1^{tm1(cre)Sev}/Isl1⁺.

No alerts have been found for Nkx2-5^{tm1Krc}/Nkx2-5^{tm1Krc}; Isl1^{tm1(cre)Sev}/Isl1⁺.

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.