

Resource Summary Report

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

[Shh^{tm1Chg}/Shh^{tm2Amc}; Nkx2-5^{tm1\(cre\)}Rjs/Nkx2-5⁺](#)

RRID:MGI:4843919

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4843919

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

Species: Mus musculus

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

Phenotype: abnormal neural crest cell apoptosis, abnormal neural crest cell migration, persistent truncus arteriosus, abnormal cardiac outflow tract development, abnormal artery morphology

Affected Gene: Shh, Nkx2-5

Genomic Alteration: tm1(cre)Rjs, tm2Amc, tm1Chg

Catalog Number: 4843919

Background: involves: 129S1/Sv * 129S7/SvEvBrd * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17344228](#)

Organism Name: Shh^{tm1Chg}/Shh^{tm2Amc}; Nkx2-5^{tm1(cre)}Rjs/Nkx2-5⁺

Record Creation Time: 20240120T190238+0000

Record Last Update: 20240130T201810+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Shh}^{\text{tm1Chg}}/\text{Shh}^{\text{tm2Amc}}; \text{Nkx2-5}^{\text{tm1(cre)Rjs}}/\text{Nkx2-5}^+$.

No alerts have been found for $\text{Shh}^{\text{tm1Chg}}/\text{Shh}^{\text{tm2Amc}}; \text{Nkx2-5}^{\text{tm1(cre)Rjs}}/\text{Nkx2-5}^+$.

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.