

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

[Nkx2-5^{tm1}\(cre\)Rjs/Nkx2-5⁺; Bmp2^{tm1}Jfm/Bmp2^{tm1}Jfm](#)

RRID:MGI:3620974

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3620974

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

Species: Mus musculus

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

Phenotype: abnormal myocardium layer morphology, embryonic growth retardation, embryonic lethality during organogenesis, complete penetrance, abnormal fetal atrioventricular canal morphology, pericardial effusion, abnormal cardiac epithelial to mesenchymal transition, abnormal cardiac jelly morphology

Affected Gene: Bmp2, Nkx2-5

Genomic Alteration: tm1(cre)Rjs, tm1Jfm

Catalog Number: 3620974

Background: involves: 129S4/SvJaeSor

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16314491](#)

Organism Name: Nkx2-5^{tm1}(cre)Rjs/Nkx2-5⁺; Bmp2^{tm1}Jfm/Bmp2^{tm1}Jfm

Record Creation Time: 20240120T190602+0000

Record Last Update: 20240130T202006+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Nkx2-5}^{\text{tm1}(\text{cre})\text{Rjs}}/\text{Nkx2-5}^+$; $\text{Bmp2}^{\text{tm1Jfm}}/\text{Bmp2}^{\text{tm1Jfm}}$.

No alerts have been found for $\text{Nkx2-5}^{\text{tm1}(\text{cre})\text{Rjs}}/\text{Nkx2-5}^+$; $\text{Bmp2}^{\text{tm1Jfm}}/\text{Bmp2}^{\text{tm1Jfm}}$.

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.