

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[Nkx2-5^{tm2}\(cre\)Rph/Nkx2-5⁺; Bmp2^{tm1Vrs}/Bmp2^{tm1Vrs}](#)

RRID:MGI:3641420

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3641420

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

Species: Mus musculus

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

Phenotype: cardiac edema, embryonic lethality during organogenesis, complete penetrance, pericardial effusion, absent atrioventricular cushions, abnormal heart development, decreased embryo size

Affected Gene: Bmp2, Nkx2-5

Genomic Alteration: tm2(cre)Rph, tm1Vrs

Catalog Number: 3641420

Background: involves: 129S1/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16730346](#)

Organism Name: Nkx2-5^{tm2}(cre)Rph/Nkx2-5⁺; Bmp2^{tm1Vrs}/Bmp2^{tm1Vrs}

Record Creation Time: 20240120T190550+0000

Record Last Update: 20240130T202045+0000

Ratings and Alerts

No rating or validation information has been found for $Nkx2-5^{tm2(cre)Rph}/Nkx2-5^{+}; Bmp2^{tm1Vrs}/Bmp2^{tm1Vrs}$.

No alerts have been found for $Nkx2-5^{tm2(cre)Rph}/Nkx2-5^{+}; Bmp2^{tm1Vrs}/Bmp2^{tm1Vrs}$.

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.