

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

[Nkx2-5^{tm1}\(cre\)Rjs/Nkx2-5⁺; Tbx1^{tm1}Bld/Tbx1^{tm3}Bld](#)

RRID:MGI:3046805

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3046805

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

Species: Mus musculus

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

Phenotype: persistent truncus arteriosus, fourth pharyngeal arch artery hypoplasia, abnormal pharyngeal arch artery morphology, craniofacial phenotype, decreased mitotic index, small thymus, absent fourth pharyngeal arch artery

Affected Gene: Tbx1, Nkx2-5

Genomic Alteration: tm1(cre)Rjs, tm3Bld, tm1Bld

Catalog Number: 3046805

Background: involves: 129S7/SvEvBrd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15175244](#)

Organism Name: Nkx2-5^{tm1}(cre)Rjs/Nkx2-5⁺; Tbx1^{tm1}Bld/Tbx1^{tm3}Bld

Record Creation Time: 20240120T190655+0000

Record Last Update: 20240130T202036+0000

Ratings and Alerts

No rating or validation information has been found for $Nkx2-5^{tm1(\text{cre})Rjs/Nkx2-5^+}; Tbx1^{tm1Bld/Tbx1^{tm3Bld}}$.

No alerts have been found for $Nkx2-5^{tm1(\text{cre})Rjs/Nkx2-5^+}; Tbx1^{tm1Bld/Tbx1^{tm3Bld}}$.

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.