

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Nkx2-5^{tm1Siz}/Nkx2-5^{tm1Siz}; Nkx2-6^{tm1Siz}/Nkx2-6^{tm1Siz}](#)

RRID:MGI:3608504

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3608504

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

Species: Mus musculus

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

Phenotype: absent atrioventricular cushions, embryonic growth retardation, pericardial effusion, pharynx hypoplasia, embryonic lethality during organogenesis, complete penetrance, abnormal heart atrium morphology, increased apoptosis, decreased cell proliferation, abnormal pharyngeal pouch morphology

Affected Gene: Nkx2-6, Nkx2-5

Genomic Alteration: tm1Siz

Catalog Number: 3608504

Background: involves: 129S1/Sv * 129S4/SvJaeSor * 129X1/SvJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11390666](#)

Organism Name: Nkx2-5^{tm1Siz}/Nkx2-5^{tm1Siz}; Nkx2-6^{tm1Siz}/Nkx2-6^{tm1Siz}

Record Creation Time: 20240120T190614+0000

Record Last Update: 20240130T202013+0000

Ratings and Alerts

No rating or validation information has been found for Nkx2-5^{tm1Siz}/Nkx2-5^{tm1Siz}; Nkx2-6^{tm1Siz}/Nkx2-6^{tm1Siz}.

No alerts have been found for Nkx2-5^{tm1Siz}/Nkx2-5^{tm1Siz}; Nkx2-6^{tm1Siz}/Nkx2-6^{tm1Siz}.

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.