

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[Gata4^{tm1.1Wtp}/Gata4^{tm1.1Wtp}; Nkx2-5^{tm1}\(cre\)Rjs/Nkx2-5⁺](#)

RRID:MGI:3639276

Type: Organism

Proper Citation

RRID:MGI:3639276

Organism Information

URL:

Proper Citation: RRID:MGI:3639276

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

Species: Mus musculus

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

Phenotype: lethality throughout fetal growth and development, complete penetrance, conotruncal ridge hypoplasia, heart hypoplasia, decreased atrioventricular cushion size, abnormal cardiac epithelial to mesenchymal transition, pericardial effusion, common ventricle, embryonic growth retardation, heart right ventricle hypoplasia, abnormal fetal cardiomyocyte proliferation

Affected Gene: Nkx2-5, Gata4

Genomic Alteration: tm1(cre)Rjs, tm1.1Wtp

Catalog Number: 3639276

Background: involves: 129S7/SvEvBrd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15902305](#)

Organism Name: Gata4^{tm1.1Wtp}/Gata4^{tm1.1Wtp}; Nkx2-5^{tm1(cre)Rjs}/Nkx2-5⁺

Record Creation Time: 20240120T190553+0000

Record Last Update: 20240130T202000+0000

Ratings and Alerts

No rating or validation information has been found for Gata4^{tm1.1Wtp}/Gata4^{tm1.1Wtp}; Nkx2-5^{tm1(cre)Rjs}/Nkx2-5⁺.

No alerts have been found for Gata4^{tm1.1Wtp}/Gata4^{tm1.1Wtp}; Nkx2-5^{tm1(cre)Rjs}/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.