

# Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

[Tbx20<sup>tm1.1Rph</sup>/Tbx20<sup>+</sup>; Nkx2-5<sup>tm4Rph</sup>/Nkx2-5<sup>+</sup>](#)

RRID:MGI:3579847

Type: Organism

## Proper Citation

RRID:MGI:3579847

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3579847

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

**Species:** Mus musculus

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

**Phenotype:** dilated cardiomyopathy, decreased ventricle muscle contractility, cardiac fibrosis, atrial septal defect, dilated heart left ventricle, preweaning lethality, incomplete penetrance, dilated heart atrium, thin ventricular wall, disorganized myocardium

**Affected Gene:** Tbx20, Nkx2-5

**Genomic Alteration:** tm4Rph, tm1.1Rph

**Catalog Number:** 3579847

**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:15843414](#)

**Organism Name:** Tbx20<sup>tm1.1Rph</sup>/Tbx20<sup>+</sup>; Nkx2-5<sup>tm4Rph</sup>/Nkx2-5<sup>+</sup>

**Record Creation Time:** 20240120T190631+0000

**Record Last Update:** 20240130T202023+0000

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## Ratings and Alerts

No rating or validation information has been found for Tbx20<sup>tm1.1Rph</sup>/Tbx20<sup>+</sup>; Nkx2-5<sup>tm4Rph</sup>/Nkx2-5<sup>+</sup>.

No alerts have been found for Tbx20<sup>tm1.1Rph</sup>/Tbx20<sup>+</sup>; Nkx2-5<sup>tm4Rph</sup>/Nkx2-5<sup>+</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.