

# Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

[Myl2<sup>tm1\(cre\)Krc</sup>/Myl2<sup>+</sup>; Hif1a<sup>tm3Rsjo</sup>/Hif1a<sup>tm3Rsjo</sup>](#)

RRID:MGI:4418481

Type: Organism

## Proper Citation

RRID:MGI:4418481

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4418481

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

**Species:** Mus musculus

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

**Phenotype:** abnormal myocardial fiber physiology, increased left ventricle weight, decreased cardiac muscle contractility, thick ventricular wall, abnormal heart left ventricle pressure, abnormal coronary vessel morphology, abnormal heart left ventricle morphology, abnormal cardiac muscle relaxation, cardiac hypertrophy, thick interventricular septum, abnormal physiological response to xenobiotic

**Affected Gene:** Hif1a, Myl2

**Genomic Alteration:** tm1(cre)Krc, tm3Rsjo

**Catalog Number:** 4418481

**Background:** involves: 129S1/Sv \* 129S4/SvJae \* 129X1/SvJ \* C57BL/6

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:15132980](#)

**Organism Name:** Myl2<sup>tm1(cre)Krc</sup>/Myl2<sup>+</sup>; Hif1a<sup>tm3Rsjo</sup>/Hif1a<sup>tm3Rsjo</sup>

**Record Creation Time:** 20240120T190312+0000

**Record Last Update:** 20240130T201828+0000

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## Ratings and Alerts

No rating or validation information has been found for  $\text{Myl2}^{\text{tm1}(\text{cre})\text{Krc}}/\text{Myl2}^+$ ;  $\text{Hif1a}^{\text{tm3Rsjo}}/\text{Hif1a}^{\text{tm3Rsjo}}$ .

No alerts have been found for  $\text{Myl2}^{\text{tm1}(\text{cre})\text{Krc}}/\text{Myl2}^+$ ;  $\text{Hif1a}^{\text{tm3Rsjo}}/\text{Hif1a}^{\text{tm3Rsjo}}$ .

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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.