

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Myl2^{tm1\(cre\)Krc}/Myl2⁺; Hif1a^{tm3Rsjo}/Hif1a^{tm3Rsjo}](#)

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^{tm1(cre)Krc}/Myl2⁺; Hif1a^{tm3Rsjo}/Hif1a^{tm3Rsjo}

Record Creation Time: 20240120T190312+0000

Record Last Update: 20240130T201828+0000

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 $\text{Myl2}^{\text{tm1}(\text{cre})\text{Krc}}/\text{Myl2}^+$; $\text{Hif1a}^{\text{tm3Rsjo}}/\text{Hif1a}^{\text{tm3Rsjo}}$.

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.