

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

[Myl2^{tm1\(cre\)Krc}/Myl2⁺; Vcl^{tm1Ross}/Vcl^{tm1Ross}](#)

RRID:MGI:3769166

Type: Organism

Proper Citation

RRID:MGI:3769166

Organism Information

URL:

Proper Citation: RRID:MGI:3769166

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

Species: Mus musculus

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

Phenotype: abnormal intercalated disk morphology, abnormal impulse conducting system conduction, irregular heartbeat, abnormal cardiovascular system physiology, dilated cardiomyopathy, cardiac fibrosis, abnormal myocardial fiber morphology, increased heart weight, congestive heart failure, abnormal cardiovascular system morphology, heart block, cardiac hypertrophy, premature death, abnormal cardiac muscle relaxation, dilated heart left ventricle, decreased cardiac muscle contractility, ventricular tachycardia

Affected Gene: Vcl, Myl2

Genomic Alteration: tm1(cre)Krc, tm1Ross

Catalog Number: 3769166

Background: involves: 129S4/SvJae * Black Swiss * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17785437](#)

Organism Name: Myl2^{tm1(cre)Krc}/Myl2⁺; Vcl^{tm1Ross}/Vcl^{tm1Ross}

Record Creation Time: 20240120T190450+0000

Record Last Update: 20240130T201926+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Myl2}^{\text{tm1}(\text{cre})\text{Krc}}/\text{Myl2}^+$; $\text{Vcl}^{\text{tm1Ross}}/\text{Vcl}^{\text{tm1Ross}}$.

No alerts have been found for $\text{Myl2}^{\text{tm1}(\text{cre})\text{Krc}}/\text{Myl2}^+$; $\text{Vcl}^{\text{tm1Ross}}/\text{Vcl}^{\text{tm1Ross}}$.

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.