

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

[Myl2^{tm1\(cre\)Krc}/Myl2⁺; Slc8a1^{tm1Kdp}/Slc8a1^{tm1Kdp}](#)

RRID:MGI:3604781

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3604781

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

Species: Mus musculus

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

Phenotype: decreased cardiac muscle contractility, premature death, abnormal myocardial fiber physiology, pregnancy-related premature death, enlarged heart

Affected Gene: Myl2, Slc8a1

Genomic Alteration: tm1Kdp, tm1(cre)Krc

Catalog Number: 3604781

Background: involves: 129S4/SvJae

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15308581](#)

Organism Name: Myl2^{tm1(cre)Krc}/Myl2⁺; Slc8a1^{tm1Kdp}/Slc8a1^{tm1Kdp}

Record Creation Time: 20240120T190618+0000

Record Last Update: 20240130T202015+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Myl2}^{\text{tm1}(\text{cre})\text{Krc}}/\text{Myl2}^+$; $\text{Slc8a1}^{\text{tm1Kdp}}/\text{Slc8a1}^{\text{tm1Kdp}}$.

No alerts have been found for $\text{Myl2}^{\text{tm1}(\text{cre})\text{Krc}}/\text{Myl2}^+$; $\text{Slc8a1}^{\text{tm1Kdp}}/\text{Slc8a1}^{\text{tm1Kdp}}$.

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.