

Resource Summary Report

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

[Myl2^{tm1\(cre\)Krc}/Myl2⁺; Tg\(Myh6-GFP/MAP2K3\)58Ywa](#)

RRID:MGI:3581048

Type: Organism

Proper Citation

RRID:MGI:3581048

Organism Information

URL:

Proper Citation: RRID:MGI:3581048

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

Species: Mus musculus

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

Phenotype: pulmonary edema, premature death, abnormal cardiovascular system physiology, enlarged heart atrium, increased heart weight, thin ventricular wall, cardiac interstitial fibrosis, respiratory distress, abnormal myocardial fiber morphology

Affected Gene: Myl2

Genomic Alteration: tm1(cre)Krc, Tg(Myh6-GFP, MAP2K3)58Ywa

Catalog Number: 3581048

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11593045](#)

Organism Name: Myl2^{tm1(cre)Krc}/Myl2⁺; Tg(Myh6-GFP/MAP2K3)58Ywa

Record Creation Time: 20240120T190629+0000

Record Last Update: 20240130T202119+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Myl2}^{\text{tm1}(\text{cre})\text{Krc}}/\text{Myl2}^+$; Tg(Myh6-GFP/MAP2K3)58Ywa.

No alerts have been found for $\text{Myl2}^{\text{tm1}(\text{cre})\text{Krc}}/\text{Myl2}^+$; Tg(Myh6-GFP/MAP2K3)58Ywa.

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.