

# Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

## [Myl7<sup>tm1\(cre\)</sup>Krc/Myl7<sup>tm1\(cre\)</sup>Krc](#)

RRID:MGI:2683464

Type: Organism

### Proper Citation

RRID:MGI:2683464

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2683464

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

**Species:** Mus musculus

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

**Phenotype:** abnormal heart rate, embryonic growth arrest, abnormal heart looping, enlarged heart atrium, trabecula carnea hypoplasia, abnormal intersomitic vessel morphology, abnormal myocardial fiber morphology, abnormal visceral yolk sac morphology, embryonic growth retardation, abnormal atrioventricular cushion morphology, abnormal cardiac epithelial to mesenchymal transition, embryonic lethality during organogenesis, complete penetrance, ventricle myocardium hypoplasia, pericardial edema, abnormal heart tube morphology, abnormal vitelline vascular remodeling, abnormal vasculogenesis, dilated heart left ventricle, absent vitelline blood vessels, abnormal cardiac outflow tract development

**Affected Gene:** Myl7

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

**Catalog Number:** 2683464

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* Black Swiss

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:14573518](#)

**Organism Name:** Myl7<sup>tm1</sup>(cre)Krc/Myl7<sup>tm1</sup>(cre)Krc

**Record Creation Time:** 20240120T190717+0000

**Record Last Update:** 20240130T202049+0000

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## Ratings and Alerts

No rating or validation information has been found for Myl7<sup>tm1</sup>(cre)Krc/Myl7<sup>tm1</sup>(cre)Krc.

No alerts have been found for Myl7<sup>tm1</sup>(cre)Krc/Myl7<sup>tm1</sup>(cre)Krc.

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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.