

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

[Gata4^{tm1Grg}/Gata4^{tm1Grg}](#)

RRID:MGI:5427935

Type: Organism

Proper Citation

RRID:MGI:5427935

Organism Information

URL:

Proper Citation: RRID:MGI:5427935

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

Species: Mus musculus

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

Phenotype: delayed heart looping, embryonic lethality during organogenesis, complete penetrance, decreased fetal cardiomyocyte proliferation, embryonic growth retardation, thin myocardium, thin ventricular wall

Affected Gene: Gata4

Genomic Alteration: tm1Grg

Catalog Number: 5427935

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22589735](#)

Organism Name: Gata4^{tm1Grg}/Gata4^{tm1Grg}

Record Creation Time: 20240120T190145+0000

Record Last Update: 20240130T201740+0000

Ratings and Alerts

No rating or validation information has been found for Gata4^{tm1Grg}/Gata4^{tm1Grg}.

No alerts have been found for Gata4^{tm1Grg}/Gata4^{tm1Grg}.

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.