

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

[Gata4^{tm1Jml}/Gata4⁺](#); [Gata5^{tm1Eem}/Gata5^{tm1Eem}](#)

RRID:MGI:4418210

Type: Organism

Proper Citation

RRID:MGI:4418210

Organism Information

URL:

Proper Citation: RRID:MGI:4418210

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

Species: Mus musculus

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

Phenotype: abnormal heart left ventricle outflow tract morphology, conotruncal ridge hypoplasia, ostium primum atrial septal defect, complete atrioventricular septal defect, abnormal fetal cardiomyocyte proliferation, inlet ventricular septal defect, abnormal trabecula carnea morphology, congestive heart failure, decreased atrioventricular cushion size, edema, hemorrhage, lethality throughout fetal growth and development, complete penetrance, ventricular myocardium compact layer hypoplasia, thin myocardium, abnormal heart right ventricle outflow tract morphology

Affected Gene: Gata5, Gata4

Genomic Alteration: tm1Jml, tm1Eem

Catalog Number: 4418210

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19889636](#)

Organism Name: Gata4^{tm1Jml}/Gata4⁺; Gata5^{tm1Eem}/Gata5^{tm1Eem}

Record Creation Time: 20240120T190312+0000

Record Last Update: 20240130T201828+0000

Ratings and Alerts

No rating or validation information has been found for Gata4^{tm1Jml}/Gata4⁺; Gata5^{tm1Eem}/Gata5^{tm1Eem}.

No alerts have been found for Gata4^{tm1Jml}/Gata4⁺; Gata5^{tm1Eem}/Gata5^{tm1Eem}.

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.