

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

[Gja1^{tm1Kdr}/Gja1^{tm1Kdr}](#)

RRID:MGI:2176951

Type: Organism

Proper Citation

RRID:MGI:2176951

Organism Information

URL:

Proper Citation: RRID:MGI:2176951

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

Species: Mus musculus

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

Phenotype: abnormal trabecula carnea morphology, edema, abnormal cardiac outflow tract development, abnormal heart right ventricle outflow tract morphology, abnormal breathing pattern, abnormal pulmonary valve morphology, cyanosis, abnormal pulmonary gas exchange, abnormal vascular smooth muscle physiology, neonatal lethality, complete penetrance

Affected Gene: Gja1

Genomic Alteration: tm1Kdr

Catalog Number: 2176951

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:7892609](#), [PMID:22652908](#)

Organism Name: Gja1^{tm1Kdr}/Gja1^{tm1Kdr}

Record Creation Time: 20240120T190752+0000

Record Last Update: 20240130T202109+0000

Ratings and Alerts

No rating or validation information has been found for Gja1^{tm1Kdr}/Gja1^{tm1Kdr}.

No alerts have been found for Gja1^{tm1Kdr}/Gja1^{tm1Kdr}.

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.