

Resource Summary Report

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

[Gja1^{tm2\(Gjb1\)Kwi}/Gja1^{tm2\(Gjb1\)Kwi}](#)

RRID:MGI:3620985

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3620985

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

Species: Mus musculus

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

Phenotype: decreased testis weight, abnormal heart ventricle morphology, abnormal seminiferous tubule morphology, thin ventricular wall, decreased body weight, ventricular tachycardia, cataract, abnormal heart right ventricle morphology, abnormal ovarian follicle morphology, abnormal trabecula carnea morphology, male infertility, irregular heartbeat, oligozoospermia, postnatal lethality, incomplete penetrance, reduced female fertility, decreased ovulation rate

Affected Gene: Gja1

Genomic Alteration: tm2(Gjb1)Kwi

Catalog Number: 3620985

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10996788](#)

Organism Name: Gja1^{tm2(Gjb1)Kwi}/Gja1^{tm2(Gjb1)Kwi}

Record Creation Time: 20240120T190602+0000

Record Last Update: 20240130T202006+0000

Ratings and Alerts

No rating or validation information has been found for Gja1^{tm2(Gjb1)Kwi}/Gja1^{tm2(Gjb1)Kwi}.

No alerts have been found for Gja1^{tm2(Gjb1)Kwi}/Gja1^{tm2(Gjb1)Kwi}.

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.