

# Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

[Gja1<sup>tm2\(Gjb1\)</sup>Kwi/Gja1<sup>tm2\(Gjb1\)</sup>Kwi](#)

RRID:MGI:3620985

Type: Organism

## Proper Citation

RRID:MGI:3620985

## 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<sup>tm2(Gjb1)</sup>Kwi/Gja1<sup>tm2(Gjb1)</sup>Kwi

**Record Creation Time:** 20240120T190602+0000

**Record Last Update:** 20240130T202006+0000

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## Ratings and Alerts

No rating or validation information has been found for Gja1<sup>tm2(Gjb1)Kwi</sup>/Gja1<sup>tm2(Gjb1)Kwi</sup>.

No alerts have been found for Gja1<sup>tm2(Gjb1)Kwi</sup>/Gja1<sup>tm2(Gjb1)Kwi</sup>.

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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.