

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Gja1^{tm7\(Gja2\)Kwi}/Gja1^{tm7\(Gja2\)Kwi}](#)

RRID:MGI:3763181

Type: Organism

Proper Citation

RRID:MGI:3763181

Organism Information

URL:

Proper Citation: RRID:MGI:3763181

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

Species: Mus musculus

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

Phenotype: ovary cysts, male infertility, abnormal spermatocyte morphology, small ovary, small heart, postnatal lethality, incomplete penetrance, abnormal ovarian follicle morphology, decreased testis weight, shortened QT interval, prenatal lethality, incomplete penetrance, decreased heart rate, decreased body weight, postnatal growth retardation, azoospermia, female infertility, prolonged QRS complex duration, abnormal atrioventricular bundle conduction, abnormal spermatogenesis, absent corpus luteum, abnormal cardiovascular system physiology

Affected Gene: Gja1

Genomic Alteration: tm7(Gja2)Kwi

Catalog Number: 3763181

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17408477](#)

Organism Name: Gja1^{tm7(Gja2)Kwi}/Gja1^{tm7(Gja2)Kwi}

Record Creation Time: 20240120T190455+0000

Record Last Update: 20240130T201928+0000

Ratings and Alerts

No rating or validation information has been found for Gja1^{tm7(Gja2)Kwi}/Gja1^{tm7(Gja2)Kwi}.

No alerts have been found for Gja1^{tm7(Gja2)Kwi}/Gja1^{tm7(Gja2)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.