

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

[Gja1^{tm4Kwi}/Gja1^{tm4Kwi}](#)

RRID:MGI:3525601

Type: Organism

Proper Citation

RRID:MGI:3525601

Organism Information

URL:

Proper Citation: RRID:MGI:3525601

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

Species: Mus musculus

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

Phenotype: decreased heart rate, female infertility, dilated heart left ventricle, prolonged QT interval, abnormal heart shape, small heart, impaired luteinization, abnormal epidermis stratum corneum morphology, abnormal ovarian follicle morphology, postnatal lethality, incomplete penetrance, absent mature ovarian follicles, absent corpus luteum, impaired skin barrier function, abnormal skin condition, abnormal epidermis stratum granulosum morphology

Affected Gene: Gja1

Genomic Alteration: tm4Kwi

Catalog Number: 3525601

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:15282340](#)

Organism Name: Gja1^{tm4Kwi}/Gja1^{tm4Kwi}

Record Creation Time: 20240120T190641+0000

Record Last Update: 20240130T202028+0000

Ratings and Alerts

No rating or validation information has been found for Gja1^{tm4Kwi}/Gja1^{tm4Kwi}.

No alerts have been found for Gja1^{tm4Kwi}/Gja1^{tm4Kwi}.

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.