

Resource Summary Report

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

[Gjb1^{tm1Kwi}/Gjb1^{tm1Kwi}](#); [Gjc2^{tm1Paul}/Gjc2^{tm1Paul}](#)

RRID:MGI:2675155

Type: Organism

Proper Citation

RRID:MGI:2675155

Organism Information

URL:

Proper Citation: RRID:MGI:2675155

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

Species: Mus musculus

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

Phenotype: absent optic nerve, premature death, demyelination, tremors, tonic seizures, abnormal myelination

Affected Gene: Gjc2, Gjb1

Genomic Alteration: tm1Kwi, tm1Paul

Catalog Number: 2675155

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12843301](#)

Organism Name: Gjb1^{tm1Kwi}/Gjb1^{tm1Kwi}; Gjc2^{tm1Paul}/Gjc2^{tm1Paul}

Record Creation Time: 20240120T190726+0000

Record Last Update: 20240130T202054+0000

Ratings and Alerts

No rating or validation information has been found for Gjb1^{tm1Kwi}/Gjb1^{tm1Kwi}; Gjc2^{tm1Paul}/Gjc2^{tm1Paul}.

No alerts have been found for Gjb1^{tm1Kwi}/Gjb1^{tm1Kwi}; Gjc2^{tm1Paul}/Gjc2^{tm1Paul}.

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.