

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[Gjc2^{tm1\(EGFP\)Kwi}/Gjc2^{tm1\(EGFP\)Kwi}; Gjb1^{tm1Kwi}/Gjb1^{tm1Kwi}](#)

RRID:MGI:2669721

Type: Organism

Proper Citation

RRID:MGI:2669721

Organism Information

URL:

Proper Citation: RRID:MGI:2669721

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

Species: Mus musculus

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

Phenotype: abnormal oligodendrocyte morphology, premature death, microgliosis, axon degeneration, abnormal oligodendrocyte apoptosis, tremors, dysmyelination, tonic seizures, tonic seizures, tremors, sporadic seizures, CNS inflammation, impaired coordination, demyelination, abnormal myelination, premature death, abnormal gait, seizures, astrocytosis, neurodegeneration

Affected Gene: Gjc2, Gjb1

Genomic Alteration: tm1Kwi, tm1(EGFP)Kwi

Catalog Number: 2669721

Background: involves: 129P2/OlaHsd * 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25524707](#), [PMID:12805295](#)

Organism Name: Gjc2^{tm1(EGFP)Kwi}/Gjc2^{tm1(EGFP)Kwi}; Gjb1^{tm1Kwi}/Gjb1^{tm1Kwi}

Record Creation Time: 20240120T190731+0000

Record Last Update: 20240130T202057+0000

Ratings and Alerts

No rating or validation information has been found for Gjc2^{tm1(EGFP)Kwi}/Gjc2^{tm1(EGFP)Kwi}; Gjb1^{tm1Kwi}/Gjb1^{tm1Kwi}.

No alerts have been found for Gjc2^{tm1(EGFP)Kwi}/Gjc2^{tm1(EGFP)Kwi}; Gjb1^{tm1Kwi}/Gjb1^{tm1Kwi}.

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.