

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

[Gjb6^{tm1Kwi}/Gjb6^{tm1Kwi}](#)

RRID:MGI:3037831

Type: Organism

Proper Citation

RRID:MGI:3037831

Organism Information

URL:

Proper Citation: RRID:MGI:3037831

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

Species: Mus musculus

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

Phenotype: abnormal hair cell physiology, abnormal stria vascularis morphology, abnormal stria vascularis vasculature morphology, abnormal amino acid level, abnormal blood-inner ear barrier function, sensorineural hearing loss, decreased endocochlear potential, cochlear outer hair cell degeneration, organ of Corti degeneration, increased or absent threshold for auditory brainstem response, decreased endocochlear potential, increased or absent threshold for auditory brainstem response, absent endocochlear potential, abnormal cochlear endolymph ionic homeostasis, cochlear inner hair cell degeneration, deafness, immune system phenotype, cochlear outer hair cell degeneration, cochlear inner hair cell degeneration, cochlear hair cell degeneration, absent pinna reflex

Affected Gene: Gjb6

Genomic Alteration: tm1Kwi

Catalog Number: 3037831

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:12490528](#), [PMID:12840073](#), [PMID:17227867](#), [PMID:19047635](#), [PMID:17400755](#)

Organism Name: Gjb6^{tm1Kwi}/Gjb6^{tm1Kwi}

Record Creation Time: 20240120T190706+0000

Record Last Update: 20240130T202043+0000

Ratings and Alerts

No rating or validation information has been found for Gjb6^{tm1Kwi}/Gjb6^{tm1Kwi}.

No alerts have been found for Gjb6^{tm1Kwi}/Gjb6^{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.