

# Resource Summary Report

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

[Gjb6<sup>tm1Kwi</sup>/Gjb6<sup>tm1Kwi</sup>](#)

RRID:MGI:3037831

Type: Organism

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## Proper Citation

RRID:MGI:3037831

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## 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<sup>tm1Kwi</sup>/Gjb6<sup>tm1Kwi</sup>

**Record Creation Time:** 20240120T190706+0000

**Record Last Update:** 20240130T202043+0000

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## Ratings and Alerts

No rating or validation information has been found for Gjb6<sup>tm1Kwi</sup>/Gjb6<sup>tm1Kwi</sup>.

No alerts have been found for Gjb6<sup>tm1Kwi</sup>/Gjb6<sup>tm1Kwi</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.