

Resource Summary Report

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

[Gjb2^{tm1Ugds}/Gjb2^{tm1Ugds}; Tg\(Otog-cre\)1Ugds](#)

RRID:MGI:3588875

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3588875

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

Species: Mus musculus

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

Phenotype: cochlear outer hair cell degeneration, abnormal interdental cell morphology, sensorineural hearing loss, abnormal inner hair cell synaptic ribbon morphology, degeneration of organ of Corti supporting cells, decreased endocochlear potential, organ of Corti degeneration, abnormal cochlear endolymph ionic homeostasis, increased or absent threshold for auditory brainstem response, abnormal cochlear inner hair cell morphology, cochlear degeneration

Affected Gene: Gjb2

Genomic Alteration: tm1Ugds, Tg(Otog-cre)1Ugds

Catalog Number: 3588875

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:12121617](#)

Organism Name: Gjb2^{tm1Ugds}/Gjb2^{tm1Ugds}; Tg(Otog-cre)1Ugds

Record Creation Time: 20240120T190622+0000

Record Last Update: 20240130T202018+0000

Ratings and Alerts

No rating or validation information has been found for Gjb2^{tm1Ugds}/Gjb2^{tm1Ugds}; Tg(Otog-cre)1Ugds.

No alerts have been found for Gjb2^{tm1Ugds}/Gjb2^{tm1Ugds}; Tg(Otog-cre)1Ugds.

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.