

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

## Tg(Pgk1-cre)1Lni; Gja1<sup>tm8Kwi</sup>/Gja1<sup>+</sup>

RRID:MGI:3807710

Type: Organism

### Proper Citation

RRID:MGI:3807710

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3807710

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

**Species:** Mus musculus

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

**Phenotype:** decreased bone mineral density, abnormal zygomatic arch morphology, abnormal skeleton morphology, small face, lethality throughout fetal growth and development, incomplete penetrance, syndactyly, small mandible, depressed nasal bridge, sparse hair, reduced enamel thickness, microcephaly, decreased trabecular bone mass, abnormal trabecular bone morphology, abnormal cell physiology, abnormal craniofacial morphology, abnormal nasal bone morphology, abnormal tooth hard tissue morphology

**Affected Gene:** Gja1, Tg(Pgk1-cre)1Lni

**Genomic Alteration:** tm8Kwi, Tg(Pgk1-cre)1Lni

**Catalog Number:** 3807710

**Background:** involves: 129S2/SvPas \* BALB/c \* C57BL/6

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:18003637](#)

**Organism Name:** Tg(Pgk1-cre)1Lni; Gja1<sup>tm8Kwi</sup>/Gja1<sup>+</sup>

**Record Creation Time:** 20240120T190420+0000

**Record Last Update:** 20240130T201908+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(Pgk1-cre)1Lni; Gja1<sup>tm8Kwi</sup>/Gja1<sup>+</sup>.

No alerts have been found for Tg(Pgk1-cre)1Lni; Gja1<sup>tm8Kwi</sup>/Gja1<sup>+</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.