

Resource Summary Report

Generated by [nidm-terms](#) on Jul 30, 2026

Tg(Pgk1-cre)1Lni; Gja1^{tm8Kwi}/Gja1⁺

RRID:MGI:3807710

Type: Organism

Proper Citation

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Organism Information

URL:

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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^{tm8Kwi}/Gja1⁺

Record Creation Time: 20240120T190420+0000

Record Last Update: 20240130T201908+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Pgk1-cre)1Lni; Gja1^{tm8Kwi}/Gja1⁺.

No alerts have been found for Tg(Pgk1-cre)1Lni; Gja1^{tm8Kwi}/Gja1⁺.

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.