

# Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

## [Shh<sup>tm1Amc</sup>/Shh<sup>tm2Amc</sup>; Tg\(KRT14-cre\)1Amc](#)

RRID:MGI:3584381

Type: Organism

### Proper Citation

RRID:MGI:3584381

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3584381

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

**Species:** Mus musculus

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

**Phenotype:** abnormal lower incisor morphology, growth retardation of incisors, abnormal ameloblast morphology, abnormal molar cusp morphology, abnormal enamel morphology, abnormal dentin morphology, abnormal incisor morphology, absent enamel cord, abnormal odontoblast morphology, neonatal lethality, complete penetrance, arrest of tooth development, growth retardation of molars, palatal shelf hypoplasia, abnormal palatal shelf fusion at midline, cleft secondary palate, absent alveolar process, aerophagia, abnormal nasal bone morphology, eyelids open at birth, absent vibrissae, abnormal cranium morphology, small incisors, skeleton phenotype, small molars

**Affected Gene:** Shh

**Genomic Alteration:** tm2Amc, Tg(KRT14-cre)1Amc, tm1Amc

**Catalog Number:** 3584381

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* C57BL/6 \* CBA

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:15199404](#), [PMID:11044393](#)

**Organism Name:** Shh<sup>tm1Amc</sup>/Shh<sup>tm2Amc</sup>; Tg(KRT14-cre)1Amc

**Record Creation Time:** 20240120T190624+0000

**Record Last Update:** 20240130T202019+0000

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## Ratings and Alerts

No rating or validation information has been found for Shh<sup>tm1Amc</sup>/Shh<sup>tm2Amc</sup>; Tg(KRT14-cre)1Amc.

No alerts have been found for Shh<sup>tm1Amc</sup>/Shh<sup>tm2Amc</sup>; Tg(KRT14-cre)1Amc.

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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.