

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Shh^{tm1Amc}/Shh^{tm2Amc}; 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^{tm1Amc}/Shh^{tm2Amc}; Tg(KRT14-cre)1Amc

Record Creation Time: 20240120T190624+0000

Record Last Update: 20240130T202019+0000

Ratings and Alerts

No rating or validation information has been found for Shh^{tm1Amc}/Shh^{tm2Amc}; Tg(KRT14-cre)1Amc.

No alerts have been found for Shh^{tm1Amc}/Shh^{tm2Amc}; Tg(KRT14-cre)1Amc.

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.