

Resource Summary Report

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

[H2afv](#)[Tg\(Wnt1-cre\)11Rth](#); [Smo^{tm1Amc}](#)/[Smo^{tm2Amc}](#)

RRID:MGI:3716198

Type: Organism

Proper Citation

RRID:MGI:3716198

Organism Information

URL:

Proper Citation: RRID:MGI:3716198

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

Species: Mus musculus

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

Phenotype: absent vomer bone, absent stapes, absent pterygoid process, absent presphenoid bone, absent palatine bone, abnormal basisphenoid bone morphology, abnormal ethmoid bone morphology, abnormal mandible morphology, abnormal mandibular condyloid process morphology, abnormal maxilla morphology, absent middle ear ossicles, absent styloid process, abnormal thyroid cartilage morphology, absent tongue, abnormal tooth morphology, absent Reichert cartilage, absent incus, absent lower incisors, absent malleus, absent gonial bone, absent lacrimal bone, nasal septum hypoplasia, short Meckel's cartilage, absent orbitosphenoid bone, nasal bone hypoplasia, small temporal bone squamous part, Meckel's cartilage hypoplasia, small zygomatic bone, abnormal craniofacial development, abnormal temporal bone morphology, abnormal sphenoid bone morphology, abnormal cranium morphology, small alisphenoid bone, absent tympanic ring

Affected Gene: Smo, H2afv

Genomic Alteration: tm2Amc, Tg(Wnt1-cre)11Rth, tm1Amc

Catalog Number: 3716198

Background: involves: C57BL/6J * CBA/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15107405](#)

Organism Name: H2afv^{Tg(Wnt1-cre)11Rth}; Smo^{tm1Amc}/Smo^{tm2Amc}

Record Creation Time: 20240120T190513+0000

Record Last Update: 20240130T201938+0000

Ratings and Alerts

No rating or validation information has been found for H2afv^{Tg(Wnt1-cre)11Rth}; Smo^{tm1Amc}/Smo^{tm2Amc}.

No alerts have been found for H2afv^{Tg(Wnt1-cre)11Rth}; Smo^{tm1Amc}/Smo^{tm2Amc}.

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.