

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[Shh^{tm2Chg}/Shh⁺; Edil3^{Tg\(Sox2-cre\)}1Amc/Edil3⁺](#)

RRID:MGI:3687544

Type: Organism

Proper Citation

RRID:MGI:3687544

Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: abnormal telencephalon development, abnormal telencephalon morphology, abnormal corpus callosum morphology, abnormal choroid plexus morphology, cleft secondary palate, abnormal embryonic/fetal subventricular zone morphology, increased midbrain size, absent olfactory bulb, enlarged brain ventricles, increased forebrain size, abnormal medial ganglionic eminence morphology, perinatal lethality, complete penetrance, holoprosencephaly, abnormal maxillary shelf morphology, abnormal neurocranium morphology, palatal shelves fail to meet at midline, polydactyly, abnormal lateral ganglionic eminence morphology, abnormal hippocampus development

Affected Gene: Edil3, Shh

Genomic Alteration: tm2Chg, Tg(Sox2-cre)1Amc

Catalog Number: 3687544

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:17468181](#), [PMID:16611729](#)

Organism Name: Shh^{tm2Chg}/Shh⁺; Edil3^{Tg(Sox2-cre)}1Amc/Edil3⁺

Record Creation Time: 20240120T190543+0000

Record Last Update: 20240130T201955+0000

Ratings and Alerts

No rating or validation information has been found for Shh^{tm2Chg}/Shh⁺; Edil3^{Tg(Sox2-cre)}1Amc/Edil3⁺.

No alerts have been found for Shh^{tm2Chg}/Shh⁺; Edil3^{Tg(Sox2-cre)}1Amc/Edil3⁺.

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.