

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

[Six3^{tm3.1Gco}/Six3⁺; Shh^{tm1Chg}/Shh⁺](#)

RRID:MGI:3814907

Type: Organism

Proper Citation

RRID:MGI:3814907

Organism Information

URL:

Proper Citation: RRID:MGI:3814907

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

Species: Mus musculus

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

Phenotype: abnormal optic stalk morphology, absent nasal septum, olfactory bulb hypoplasia, holoprosencephaly, abnormal telencephalon morphology, abnormal cerebral hemisphere morphology, absent corpus callosum, microcephaly, ocular hypotelorism, abnormal palatal shelf fusion at midline, abnormal medial nasal prominence morphology, absent philtrum

Affected Gene: Six3, Shh

Genomic Alteration: tm3.1Gco, tm1Chg

Catalog Number: 3814907

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18694563](#)

Organism Name: Six3^{tm3.1Gco}/Six3⁺; Shh^{tm1Chg}/Shh⁺

Record Creation Time: 20240120T190410+0000

Record Last Update: 20240130T201902+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Six3}^{\text{tm}3.1\text{Gco}}/\text{Six3}^+$; $\text{Shh}^{\text{tm}1\text{Chg}}/\text{Shh}^+$.

No alerts have been found for $\text{Six3}^{\text{tm}3.1\text{Gco}}/\text{Six3}^+$; $\text{Shh}^{\text{tm}1\text{Chg}}/\text{Shh}^+$.

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.