

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Sik3^{tm1Htake}/Sik3^{tm1Htake}; Tg\(Col11a2-SIK3\)#Ntsu](#)

RRID:MGI:5317926

Type: Organism

Proper Citation

RRID:MGI:5317926

Organism Information

URL:

Proper Citation: RRID:MGI:5317926

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

Species: Mus musculus

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

Phenotype: skeleton phenotype, neonatal lethality, incomplete penetrance

Affected Gene: Sik3

Genomic Alteration: Tg(Col11a2-SIK3)#Ntsu, tm1Htake

Catalog Number: 5317926

Background: involves: C57BL/6 * C57BL/6N * DBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22318228](#)

Organism Name: Sik3^{tm1Htake}/Sik3^{tm1Htake}; Tg(Col11a2-SIK3)#Ntsu

Record Creation Time: 20240120T190150+0000

Record Last Update: 20240130T201743+0000

Ratings and Alerts

No rating or validation information has been found for Sik3^{tm1Htake}/Sik3^{tm1Htake}; Tg(Col11a2-SIK3)#Ntsu.

No alerts have been found for Sik3^{tm1Htake}/Sik3^{tm1Htake}; Tg(Col11a2-SIK3)#Ntsu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Hayasaka N, et al. (2017) Salt-inducible kinase 3 regulates the mammalian circadian clock by destabilizing PER2 protein. eLife, 6.