

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[Sim2^{tm1Shmb}/Sim2^{tm1Shmb}](#)

RRID:MGI:3723057

Type: Organism

Proper Citation

RRID:MGI:3723057

Organism Information

URL:

Proper Citation: RRID:MGI:3723057

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

Species: Mus musculus

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

Phenotype: aerophagia, palatal shelf hypoplasia, respiratory distress, decreased palatal length, cleft secondary palate, postnatal lethality, complete penetrance, meteorism, protruding tongue, abnormal tooth development, abnormal pterygoid process morphology, abnormal palate morphology, abnormal nasopharynx morphology

Affected Gene: Sim2

Genomic Alteration: tm1Shmb

Catalog Number: 3723057

Background: involves: 129S4/SvJae * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12203729](#)

Organism Name: Sim2^{tm1Shmb}/Sim2^{tm1Shmb}

Record Creation Time: 20240120T190501+0000

Record Last Update: 20240130T202027+0000

Ratings and Alerts

No rating or validation information has been found for Sim2^{tm1Shmb}/Sim2^{tm1Shmb}.

No alerts have been found for Sim2^{tm1Shmb}/Sim2^{tm1Shmb}.

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.