

Resource Summary Report

Generated by [dkNET](#) on Aug 28, 2026

[Trps1^{tm1.1Shiv}](#)/[Trps1^{tm1.1Shiv}](#)

RRID:MGI:3723221

Type: Organism

Proper Citation

RRID:MGI:3723221

Organism Information

URL:

Proper Citation: RRID:MGI:3723221

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

Species: Mus musculus

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

Phenotype: atelectasis, delayed endochondral bone ossification, absent vibrissae, respiratory failure, hunched posture, abnormal thoracic cage shape, scoliosis, thick pulmonary interalveolar septum, thin ribs, small thoracic cage, neonatal lethality, complete penetrance, micrognathia, abnormal pulmonary alveolus morphology, abnormal pulmonary alveolus epithelial cell morphology, decreased hair follicle number, abnormal rib morphology

Affected Gene: Trps1

Genomic Alteration: tm1.1Shiv

Catalog Number: 3723221

Background: either: (involves: 129S4/SvJae) or (involves: 129S4/SvJae * BALB/c) or (involves: 129S4/SvJae * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12446778](#)

Organism Name: Trps1^{tm1.1Shiv}/Trps1^{tm1.1Shiv}

Record Creation Time: 20240120T190501+0000

Record Last Update: 20240130T201931+0000

Ratings and Alerts

No rating or validation information has been found for Trps1^{tm1.1Shiv}/Trps1^{tm1.1Shiv}.

No alerts have been found for Trps1^{tm1.1Shiv}/Trps1^{tm1.1Shiv}.

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.