

Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

[Smtn^{tm1Gve}/Smtn^{tm1Gve}](#)

RRID:MGI:3614254

Type: Organism

Proper Citation

RRID:MGI:3614254

Organism Information

URL:

Proper Citation: RRID:MGI:3614254

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

Species: Mus musculus

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

Phenotype: abnormal heart weight, intestinal/bowel diverticulum, infertility, absent subcutaneous adipose tissue, abnormal adipose tissue distribution, abnormal jejunum morphology, postnatal growth retardation, intestinal hypoperistalsis, abnormal intestine morphology, abnormal enterocyte morphology, impaired contractility of jejunal smooth muscle, intestinal inflammation, abnormal intestinal transit time, increased mean systemic arterial blood pressure, postnatal lethality, incomplete penetrance, distended duodenum, sepsis, decreased vasoconstriction

Affected Gene: Smtn

Genomic Alteration: tm1Gve

Catalog Number: 3614254

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16285958](#), [PMID:18678771](#)

Organism Name: Smtn^{tm1Gve}/Smtn^{tm1Gve}

Record Creation Time: 20240120T190609+0000

Record Last Update: 20240130T202053+0000

Ratings and Alerts

No rating or validation information has been found for Smtn^{tm1Gve}/Smtn^{tm1Gve}.

No alerts have been found for Smtn^{tm1Gve}/Smtn^{tm1Gve}.

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.