

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

Snta1^{tm1Scf}/Snta1^{tm1Scf}

RRID:MGI:2181419

Type: Organism

Proper Citation

RRID:MGI:2181419

Organism Information

URL:

Proper Citation: RRID:MGI:2181419

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

Species: Mus musculus

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

Phenotype: muscle phenotype, abnormal astrocyte morphology, abnormal fluid regulation, decreased susceptibility to ischemic brain injury, abnormal nitric oxide homeostasis, abnormal neuromuscular synapse morphology

Affected Gene: Snta1

Genomic Alteration: tm1Scf

Catalog Number: 2181419

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12578959](#), [PMID:10995443](#)

Organism Name: Snta1^{tm1Scf}/Snta1^{tm1Scf}

Record Creation Time: 20240120T190749+0000

Record Last Update: 20240130T202136+0000

Ratings and Alerts

No rating or validation information has been found for Snta1^{tm1Scf}/Snta1^{tm1Scf}.

No alerts have been found for Snta1^{tm1Scf}/Snta1^{tm1Scf}.

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](#) .

Mestre H, et al. (2018) Aquaporin-4-dependent glymphatic solute transport in the rodent brain. eLife, 7.