

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

[Trpm5^{tm1Sdmk}/Trpm5^{tm1Sdmk}](#)

RRID:MGI:3615507

Type: Organism

Proper Citation

RRID:MGI:3615507

Organism Information

URL:

Proper Citation: RRID:MGI:3615507

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

Species: Mus musculus

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

Phenotype: abnormal umami taste sensitivity, abnormal umami taste sensitivity, abnormal sour taste sensitivity, abnormal taste sensitivity, abnormal sweet taste sensitivity, abnormal salty taste sensitivity, abnormal bitter taste sensitivity

Affected Gene: Trpm5

Genomic Alteration: tm1Sdmk

Catalog Number: 3615507

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15738181](#), [PMID:16355226](#)

Organism Name: Trpm5^{tm1Sdmk}/Trpm5^{tm1Sdmk}

Record Creation Time: 20240120T190608+0000

Record Last Update: 20240130T202009+0000

Ratings and Alerts

No rating or validation information has been found for Trpm5^{tm1Sdmk}/Trpm5^{tm1Sdmk}.

No alerts have been found for Trpm5^{tm1Sdmk}/Trpm5^{tm1Sdmk}.

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](#) .

Romanov RA, et al. (2018) Chemical synapses without synaptic vesicles: Purinergic neurotransmission through a CALHM1 channel-mitochondrial signaling complex. Science signaling, 11(529).