

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Trpa1^{tm1Jul}/Trpa1^{tm1Jul}](#)

RRID:MGI:3696956

Type: Organism

Proper Citation

RRID:MGI:3696956

Organism Information

URL:

Proper Citation: RRID:MGI:3696956

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

Species: Mus musculus

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

Phenotype: abnormal nervous system physiology

Affected Gene: Trpa1

Genomic Alteration: tm1Jul

Catalog Number: 3696956

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:16564016](#)

Organism Name: Trpa1^{tm1Jul}/Trpa1^{tm1Jul}

Record Creation Time: 20240120T190534+0000

Record Last Update: 20240130T201949+0000

Ratings and Alerts

No rating or validation information has been found for Trpa1^{tm1Jul}/Trpa1^{tm1Jul}.

No alerts have been found for Trpa1^{tm1Jul}/Trpa1^{tm1Jul}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Mali SS, et al. (2024) SARS-CoV-2 papain-like protease activates nociceptors to drive sneeze and pain. bioRxiv : the preprint server for biology.

Hill RZ, et al. (2018) S1PR3 Mediates Itch and Pain via Distinct TRP Channel-Dependent Pathways. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(36), 7833.

Mirrasedkhian E, et al. (2018) The antipyretic effect of paracetamol occurs independent of transient receptor potential ankyrin 1-mediated hypothermia and is associated with prostaglandin inhibition in the brain. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 32(10), 5751.