

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 30, 2026

[Trpv4^{tm1Rck}/Trpv4^{tm1Rck}](#)

RRID:MGI:2682662

Type: Organism

Proper Citation

RRID:MGI:2682662

Organism Information

URL:

Proper Citation: RRID:MGI:2682662

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

Species: Mus musculus

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

Phenotype: abnormal fluid regulation, ocular hypertension, abnormal trabecular meshwork morphology, abnormal keratinocyte physiology, behavior/neurological phenotype, abnormal mechanical nociception, decreased susceptibility to injury, abnormal respiratory system physiology, abnormal mechanical nociception, decreased fluid intake, abnormal drinking behavior, increased blood osmolality, decreased blood osmolality, decreased circulating antidiuretic hormone level, hearing/vestibular/ear phenotype, homeostasis/metabolism phenotype, behavior/neurological phenotype, increased thermal nociceptive threshold, abnormal vascular endothelial cell physiology, abnormal vasodilation

Affected Gene: Trpv4

Genomic Alteration: tm1Rck

Catalog Number: 2682662

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14581612](#), [PMID:17008604](#), [PMID:25143588](#), [PMID:23929777](#), [PMID:17786199](#)

Organism Name: Trpv4^{tm1Rck}/Trpv4^{tm1Rck}

Record Creation Time: 20240120T190718+0000

Record Last Update: 20240130T202049+0000

Ratings and Alerts

No rating or validation information has been found for Trpv4^{tm1Rck}/Trpv4^{tm1Rck}.

No alerts have been found for Trpv4^{tm1Rck}/Trpv4^{tm1Rck}.

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.