

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

SD-*Trpm4*^{em1Sage}

RRID:RGD_150521556

Type: Organism

Proper Citation

RRID:RGD_150521556

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=150521556>

Proper Citation: RRID:RGD_150521556

Description: Rattus norvegicus with name SD-*Trpm4*^{em1Sage} from RGD.

Species: Rattus norvegicus

Notes: Trpm4 gene specific Zinc finger constructs directed against exons 18-19, which contain the coding sequence for TM3-5 and the pore region of the TRPM4 protein, were injected in zygotes from Sprague-Dawley rats. This mutant rat with a 514 bp deletion which includes completely removes exon 18 and a piece of exon 19 from the Trpm4 gene, plus the intron 18-19. The deletion was confirmed via genomic sequencing and western blotting.

Catalog Number: 150521556

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 150521556

Organism Name: SD-*Trpm4*^{em1Sage}

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260905T135243+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Trpm4*^{em1Sage}.

No alerts have been found for SD-*Trpm4*^{em1Sage}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.