

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

WKY-*Trpv4*^{em5Mcwi}

RRID:RGD_11553848

Type: Organism

Proper Citation

RRID:RGD_11553848

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=11553848>

Proper Citation: RRID:RGD_11553848

Description: Rattus norvegicus with name WKY-*Trpv4*^{em5Mcwi} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system was used to introduce a mutation in the *Trpv4* gene of SS/JrHsdMcwi rat embryos. The resulting mutation is a 5-bp deletion in Exon 4 of the *Trpv4* gene. Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 11553848

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2017-01-26)

Alternate IDs: 11553848

Organism Name: WKY-*Trpv4*^{em5Mcwi}

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260829T184950+0000

Ratings and Alerts

No rating or validation information has been found for WKY-*Trpv4*^{em5Mcwi}.

No alerts have been found for WKY-*Trpv4*^{em5Mcwi}.

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.