

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

WKY-*Trpv4*^{em4Mcowi}

RRID:RGD_11553850

Type: Organism

Proper Citation

RRID:RGD_11553850

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=11553850>

Proper Citation: RRID:RGD_11553850

Description: Rattus norvegicus with name WKY-*Trpv4*^{em4Mcowi} from RGD.

Species: Rattus norvegicus

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

Catalog Number: 11553850

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2021-11-03)

Alternate IDs: 11553850

Organism Name: WKY-*Trpv4*^{em4Mcowi}

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260808T193742+0000

Ratings and Alerts

No rating or validation information has been found for WKY-*Trpv4*^{em4Mcowi}.

No alerts have been found for WKY-*Trpv4^{em4Mcwi}*.

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.