

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

SS-Tpcn2^{em1Mcowi}

RRID:RGD_11553894

Type: Organism

Proper Citation

RRID:RGD_11553894

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=11553894>

Proper Citation: RRID:RGD_11553894

Description: Rattus norvegicus with name SS-Tpcn2^{em1Mcowi} from RGD.

Species: Rattus norvegicus

Notes: ZFN system was used to introduce a mutation in the Tpcn2 gene of SS/JrHsdMcowi rat embryos. The resulting mutation is a 9-bp deletion in Exon 4 of the Tpcn2 gene. Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 11553894

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

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

Alternate IDs: 11553894

Organism Name: SS-Tpcn2^{em1Mcowi}

Record Creation Time: 20230509T191946+0000

Record Last Update: 20260808T193741+0000

Ratings and Alerts

No rating or validation information has been found for SS-Tpcn2^{em1Mcowi}.

No alerts have been found for *SS-Tpcn2^{em1Mcwi}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Rice KL, et al. (2023) A Role for Two-Pore Channel Type 2 (TPC2)-Mediated Regulation of Membrane Contact Sites During Zebrafish Notochord Biogenesis? *Contact* (Thousand Oaks (Ventura County, Calif.)), 6, 25152564231211409.