

Resource Summary Report

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SD-Ctns^{em1Odev}

RRID:RGD_401938653

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=401938653>

Proper Citation: RRID:RGD_401938653

Description: Rattus norvegicus with name SD-Ctns^{em1Odev} from RGD.

Species: Rattus norvegicus

Notes: The Ctns gen was deleted by oocyte injection of the CRISPER/Cas9 system (PolyGene AG, Zurich, Switzerland). Two single guideRNAs (sgRNAs) targeting exon3 of Ctns were selected: CRISPR1a: ACCAACGTCAGCATTAC-CCT(TGG), CRISPR1b: CCATTACCAGCTTCACAGT(GGG). This Ctns rat line harboring a deletion of 12bp and insertion of 8bp resulting in a premature stop codon in the exon3 of Ctns. Contact Olivier Devuyst at Email: olivier.devuyst@uzh.ch, [National BioResource Project for the Rat in Japan](#)

Catalog Number: 401938653

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals (as of 2025-03-31)

Alternate IDs: 401938653

Organism Name: SD-Ctns^{em1Odev}

Record Creation Time: 20240130T020021+0000

Record Last Update: 20260919T201855+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Ctns*^{em1Odev}.

No alerts have been found for SD-*Ctns*^{em1Odev}.

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.