

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

SD-Cntnap2^{em1Sage}

RRID:RGD_11568646

Type: Organism

Proper Citation

RRID:RGD_11568646

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=11568646>

Proper Citation: RRID:RGD_11568646

Description: Rattus norvegicus with name SD-Cntnap2^{em1Sage} from RGD.

Species: Rattus norvegicus

Notes: The ZFN mutant rat strain was produced by injecting zinc finger nuclease targeting rat Met into Sprague Dawley embryos. The resulting mutation was a 5-bp deletion in exon 6 of Cntnap2. Homozygous knockout rats exhibit complete loss of target protein as demonstrated by Western blot. [Horizon Discovery](#)

Catalog Number: 11568646

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals (as of 2017-05-05)

Alternate IDs: 11568646

Organism Name: SD-Cntnap2^{em1Sage}

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260815T190712+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Cntnap2*^{em1Sage}.

No alerts have been found for SD-*Cntnap2*^{em1Sage}.

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 [dkNET](#).

M??hrle D, et al. (2023) Characterizing maternal isolation-induced ultrasonic vocalizations in a gene-environment interaction rat model for autism. Genes, brain, and behavior, e12841.