

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

SHR-Camk2n1^{em1Tja}/-

RRID:RGD_19259464

Type: Organism

Proper Citation

RRID:RGD_19259464

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=19259464>

Proper Citation: RRID:RGD_19259464

Description: Rattus norvegicus with name SHR-Camk2n1^{em1Tja}/ - from RGD.

Species: Rattus norvegicus

Notes: SHR-Camk2n1/- knockout rats were generated on an SHR/NCrl background by microinjecting zinc-finger nuclease (ZFN) mRNA (Sigma), targeted to exon 1 of Camk2n1, into one-cell stage SHR/NCrl embryos that were implanted into pseudopregnant rats. Heterozygous progeny, from a founder harboring a 38bp deletion in Camk2n1, were intercrossed to generate homozygous knockout rats.

Catalog Number: 19259464

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 19259464

Organism Name: SHR-Camk2n1^{em1Tja}/ -

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260725T194309+0000

Ratings and Alerts

No rating or validation information has been found for SHR-*Camk2n1^{em1Tja}*^{-/-}.

No alerts have been found for SHR-*Camk2n1^{em1Tja}*^{-/-}.

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.