

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

NTacFcfiq:SD

RRID:RGD_7246927

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=7246927>

Proper Citation: RRID:RGD_7246927

Description: Rattus norvegicus with name NTacFcfiq:SD from RGD.

Species: Rattus norvegicus

Notes: Received from Taconic in 2001; bred according to the Poiley rotation (1960) with permanent monogamous mating.

Catalog Number: 7246927

Background: outbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 7246927

Organism Name: NTacFcfiq:SD

Record Creation Time: 20230509T191945+0000

Record Last Update: 20260801T194037+0000

Ratings and Alerts

No rating or validation information has been found for NTacFcfiq:SD.

No alerts have been found for NTacFcfiq:SD.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Tian Y, et al. (2025) Structure-Based Virtual Screening Identifies 2-Arylthiazole-4-Carboxylic Acids as a Novel Class of Nanomolar Affinity Ligands for the CaMKII γ Hub Domain. *Journal of medicinal chemistry*, 68(3), 3031.

Tian Y, et al. (2022) Exploring the NCS-382 Scaffold for CaMKII γ Modulation: Synthesis, Biochemical Pharmacology, and Biophysical Characterization of Ph-HTBA as a Novel High-Affinity Brain-Penetrant Stabilizer of the CaMKII γ Hub Domain. *Journal of medicinal chemistry*, 65(22), 15066.

Tian Y, et al. (2022) Discovery and Optimization of 5-Hydroxy-Diclofenac toward a New Class of Ligands with Nanomolar Affinity for the CaMKII γ Hub Domain. *Journal of medicinal chemistry*, 65(9), 6656.

Kim M, et al. (2019) Heme Oxygenase 1 in Schwann Cells Regulates Peripheral Nerve Degeneration Against Oxidative Stress. *ASN neuro*, 11, 1759091419838949.

Thiesen L, et al. (2019) Lack of evidence for synaptic high-affinity γ -hydroxybutyric acid (GHB) transport in rat brain synaptosomes and 11 Na⁺-dependent SLC neurotransmitter transporters. *Journal of neurochemistry*, 149(2), 195.

Loers G, et al. (2017) The polysialic acid mimetics idarubicin and irinotecan stimulate neuronal survival and neurite outgrowth and signal via protein kinase C. *Journal of neurochemistry*, 142(3), 392.