

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

MNS/Gib

RRID:RGD_10028

Type: Organism

Proper Citation

RRID:RGD_10028

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10028>

Proper Citation: RRID:RGD_10028

Description: Rattus norvegicus with name MNS/Gib from RGD.

Species: Rattus norvegicus

Notes: Outbred Wistar rats with brother x sister mating and selection for low systolic blood pressure as a normotensive control for MHS.

Catalog Number: 10028

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 10028

Organism Name: MNS/Gib

Record Creation Time: 20230509T191926+0000

Record Last Update: 20260829T184914+0000

Ratings and Alerts

No rating or validation information has been found for MNS/Gib.

No alerts have been found for MNS/Gib.

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 [NIF](#) .

Tsotsokou G, et al. (2024) Muscarinic Modulation of Synaptic Transmission and Short-Term Plasticity in the Dorsal and Ventral Hippocampus. *Molecular and cellular neurosciences*, 129, 103935.

Koutsoumpa A, et al. (2021) Frequency-dependent layer-specific differences in short-term synaptic plasticity in the dorsal and ventral CA1 hippocampal field. *Synapse (New York, N.Y.)*, 75(7), e22199.

Trompoukis G, et al. (2021) Scaling of Network Excitability and Inhibition may Contribute to the Septotemporal Differentiation of Sharp Waves-Ripples in Rat Hippocampus In Vitro. *Neuroscience*, 458, 11.

Trompoukis G, et al. (2020) Dorsal-Ventral Differences in Modulation of Synaptic Transmission in the Hippocampus. *Frontiers in synaptic neuroscience*, 12, 24.

Koutsoumpa A, et al. (2019) Short-term dynamics of input and output of CA1 network greatly differ between the dorsal and ventral rat hippocampus. *BMC neuroscience*, 20(1), 35.

Papaleonidopoulos V, et al. (2018) Effects of endogenous and exogenous D1/D5 dopamine receptor activation on LTP in ventral and dorsal CA1 hippocampal synapses. *Synapse (New York, N.Y.)*, 72(8), e22033.