Resource Summary Report

Generated by dkNET on Aug 22, 2026

Slc:W

RRID:RGD_2314928
Type: Organism

Proper Citation

RRID:RGD_2314928

Organism Information

URL: https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=2314928

Proper Citation: RRID:RGD_2314928

Description: Rattus norvegicus with name Slc:W from RGD.

Species: Rattus norvegicus

Notes: Institute of Medical Science, University of Tokyo(1974). Hysterectomy and fostering are used for obtaining SPF animals of this strain. SLC, Japan

Catalog Number: 2314928

Background: outbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 2314928

Organism Name: Slc:W

Record Creation Time: 20230509T191938+0000

Record Last Update: 20260815T190656+0000

Ratings and Alerts

No rating or validation information has been found for Slc:W.

No alerts have been found for Slc:W.

Data and Source Information

Source: Integrated Animals

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Noguchi T, et al. (2026) Postnatal upregulation of cyclooxygenase-2 (COX-2) drives anatomical closure of the ductus arteriosus. American journal of physiology. Heart and circulatory physiology, 330(4), H996.

Zhang Q, et al. (2022) Engineered fast-dissociating antibody fragments for multiplexed super-resolution microscopy. Cell reports methods, 2(10), 100301.

Kageyama I, et al. (2022) Differential effects of excess high-fructose corn syrup on the DNA methylation of hippocampal neurotrophic factor in childhood and adolescence. PloS one, 17(6), e0270144.

Suzuki T, et al. (2021) Non-microtubule tubulin-based backbone and subordinate components of postsynaptic density lattices. Life science alliance, 4(7).

Akiyama T, et al. (2020) The Natural-Mineral-Based Novel Nanomaterial IFMC Increases Intravascular Nitric Oxide without Its Intake: Implications for COVID-19 and beyond. Nanomaterials (Basel, Switzerland), 10(9).

Koshimizu H, et al. (2020) Vexin is upregulated in cerebral cortical neurons by brain-derived neurotrophic factor. Neuropsychopharmacology reports, 40(3), 275.

Kourosh-Arami M, et al. (2020) Phospholipase C?3 in the hippocampus may mediate impairment of memory by long-term blockade of orexin 1 receptors assessed by the Morris water maze. Life sciences, 257, 118046.

Chen IS, et al. (2019) Non-sedating antihistamines block G-protein-gated inwardly rectifying K+ channels. British journal of pharmacology, 176(17), 3161.

Adachi N, et al. (2018) Corticotropin-releasing hormone-binding protein is up-regulated by brain-derived neurotrophic factor and is secreted in an activity-dependent manner in rat cerebral cortical neurons. Journal of neurochemistry.

Baba K, et al. (2018) Gradient-reading and mechano-effector machinery for netrin-1-induced axon guidance. eLife, 7.

Hermanto Y, et al. (2018) Transplantation of feeder-free human induced pluripotent stem cell-derived cortical neuron progenitors in adult male Wistar rats with focal brain ischemia. Journal of neuroscience research, 96(5), 863.

Suzuki T, et al. (2018) Protein components of post-synaptic density lattice, a backbone structure for type I excitatory synapses. Journal of neurochemistry, 144(4), 390.