

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

Crl:SD

RRID:RGD_737891

Type: Organism

Proper Citation

RRID:RGD_737891

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=737891>

Proper Citation: RRID:RGD_737891

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

Species: Rattus norvegicus

Notes: Sprague-Dawley stock initiated by R. Dawley in 1925; To SASCO from ARS/Sprague Dawley in 1979. To Charles River in 1996 now maintained by Charles River Laboratory. [Charles River Laboratories](#), Wilmington, MA

Catalog Number: 737891

Background: outbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 737891

Organism Name: Crl:SD

Record Creation Time: 20230509T191928+0000

Record Last Update: 20260829T184919+0000

Ratings and Alerts

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

No alerts have been found for Crl:SD.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 117 mentions in open access literature.

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

Papp B, et al. (2026) Preparation and Investigation of Artemisia annua L.-Loaded Alginate Hydrogels with Excipients. *Pharmaceuticals (Basel, Switzerland)*, 19(3).

Hafez SM, et al. (2026) Empagliflozin and platelet-rich plasma improve stanozolol induced cardiotoxicity by reducing NF- κ B/P65, IL-1B and apoptosis. *BMC pharmacology & toxicology*, 27(1).

Moin Y, et al. (2026) Prenatal diazepam exposure impairs maternal caregiving behaviors in rats: Roles of GABAAR α 1 downregulation, serotonin depletion, and corticosterone dysregulation. *Toxicology reports*, 16, 102186.

Alqahtani NS, et al. (2026) Ameliorative potential of pomegranate juice against synthetic colorant (E124)-induced biochemical and histopathological changes in the rat brain and testes. *Food chemistry. Molecular sciences*, 12, 100393.

Zhou R, et al. (2026) In vivo lipofuscin quantification by visible-light optical coherence tomography-based fundus autofluorescence imaging. *iScience*, 29(3), 114903.

Zheng WS, et al. (2026) Optical insights into spatial precision and release heterogeneity of neuromodulatory transmission. *iScience*, 29(6), 116037.

El Rabey HA, et al. (2025) Comparison between the protective effect of the orally administered atorvastatin and safflower (*Carthamus tinctorius*) in hypercholesterolemic male rats. *Frontiers in pharmacology*, 16, 1663717.

Zhang MM, et al. (2025) Comparative study of cylindrical vs circular ring magnets for colonic anastomosis in rats. *World journal of gastrointestinal surgery*, 17(2), 94270.

Pearce P, et al. (2025) Testosterone and 17 β -estradiol regulate hippocampal area CA3 sharp waves in male and female rats. *Cell reports*, 44(7), 115952.

Jung S, et al. (2025) Effect of *Levilactobacillus brevis* KU15159 on Intestinal Function and Bowel Activity in Loperamide-Induced Constipation in Sprague-Dawley Rats. *Preventive nutrition and food science*, 30(5), 433.

Elwakkad A, et al. (2025) Carvacrol-induced apoptosis via tumor suppressor gene activation and oxidative stress modulation in a rat model of breast cancer. *Discover*

oncology, 17(1), 86.

Embaby EM, et al. (2025) Co-administration of Spirulina and L-carnitine preserves ovarian reserve in a rat model of premature ovarian insufficiency via SIRT1 regulation of oxidative stress, inflammation, and apoptosis. *Scientific reports*, 15(1), 32527.

Yu Y, et al. (2025) What do ultrasound vocalizations really mean in rats with different origins of pain? *Pain reports*, 10(1), e1230.

Labib MA, et al. (2025) Ameliorative effects of Berberine chloride against 5-fluorouracil-induced cardiotoxicity in Sprague Dawley rats. *Scientific reports*, 15(1), 28276.

Yao PJ, et al. (2025) Analysis of mitochondrial Complex I activity and ATP hydrolysis capacity of ATP synthase in developing rat brains using frozen tissues. *microPublication biology*, 2025.

Yi H, et al. (2025) Phospho-CREB Regulation on NMDA Glutamate Receptor 2B and Mitochondrial Calcium Uniporter in the Ventrolateral Periaqueductal Gray Controls Chronic Morphine Withdrawal in Male Rats. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(29).

Hunker AC, et al. (2025) Enhancer AAV toolbox for accessing and perturbing striatal cell types and circuits. *Neuron*, 113(10), 1507.

, et al. (2025) Erratum: Analysis of mitochondrial Complex I activity and ATP hydrolysis capacity of ATP synthase in developing rat brains using frozen tissues. *microPublication biology*, 2025.

Kyllo T, et al. (2024) Riluzole attenuates acute neural injury and reactive gliosis, hippocampal-dependent cognitive impairments and spontaneous recurrent generalized seizures in a rat model of temporal lobe epilepsy. *Frontiers in pharmacology*, 15, 1466953.

Elhessy HM, et al. (2024) Therapeutic effects of intermittent fasting on high-fat, high-fructose diet; involvement of jejunal aquaporin 1, 3, and 7. *Heliyon*, 10(7), e28436.