

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.

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.

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.

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.

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.

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.

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.

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).

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.

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.