Resource Summary Report

Generated by dkNET on Sep 7, 2026

F344/DuCrlCrlj

RRID:RGD_69643
Type: Organism

Proper Citation

RRID:RGD_69643

Organism Information

URL: https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=69643

Proper Citation: RRID:RGD_69643

Description: Rattus norvegicus with name F344/DuCrlCrlj from RGD.

Species: Rattus norvegicus

Notes: This strain originated in 1920 by Curtis then was with Dunning and then with Charles River Japan from 1976. Charles River Laboratories Japan, National BioResource Project for the Rat in Japan

Catalog Number: 69643

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals

Alternate IDs: 69643

Organism Name: F344/DuCrlCrlj

Record Creation Time: 20230509T191928+0000

Record Last Update: 20260905T135208+0000

Ratings and Alerts

No rating or validation information has been found for F344/DuCrlCrlj.

No alerts have been found for F344/DuCrlCrlj.

Data and Source Information

Source: Integrated Animals

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

El-Gazzar AM, et al. (2019) Comparative pulmonary toxicity of a DWCNT and MWCNT-7 in rats. Archives of toxicology, 93(1), 49.

Suzuki S, et al. (2019) Dimethylarsinic acid may promote prostate carcinogenesis in rats. Journal of toxicologic pathology, 32(2), 73.

Ogawa B, et al. (2019) Strain differences in histopathological features of lymphoid tissues of SD and F344 rats in a T cell-dependent antibody response assay of cyclophosphamide. Journal of toxicologic pathology, 32(3), 143.

Motoike S, et al. (2018) Cryopreserved clumps of mesenchymal stem cell/extracellular matrix complexes retain osteogenic capacity and induce bone regeneration. Stem cell research & therapy, 9(1), 73.

Goto M, et al. (2018) Dipeptidyl peptidase 4 inhibitor anagliptin ameliorates hypercholesterolemia in hypercholesterolemic mice through inhibition of intestinal cholesterol transport. Journal of diabetes investigation, 9(6), 1261.

Atarashi M, et al. (2018) Dietary Iron Overload Abrogates Chemically-Induced Liver Cirrhosis in Rats. Nutrients, 10(10).

Senoh H, et al. (2017) Comparison of single or multiple intratracheal administration for pulmonary toxic responses of nickel oxide nanoparticles in rats. Journal of occupational health, 59(2), 112.

Takeiri A, et al. (2017) Giemsa-stained pseudo-micronuclei in rat skin treated with vitamin D3 analog, pefcalcitol. Genes and environment : the official journal of the Japanese Environmental Mutagen Society, 39, 17.

Kanie S, et al. (2017) Suppressive effects of the expectorant drug ambroxol hydrochloride on quartz-induced lung inflammation in F344 rats. Journal of toxicologic pathology, 30(2), 153.

Shinohara N, et al. (2017) Kinetics and dissolution of intratracheally administered nickel oxide nanomaterials in rats. Particle and fibre toxicology, 14(1), 48.

Yoshihara M, et al. (2017) A deletion in the intergenic region upstream of Ednrb causes head spot in the rat strain KFRS4/Kyo. BMC genetics, 18(1), 29.

Hashizume N, et al. (2016) Categorization of nano-structured titanium dioxide according to physicochemical characteristics and pulmonary toxicity. Toxicology reports, 3, 490.

Yoshihara M, et al. (2016) Application of target capture sequencing of exons and conserved non-coding sequences to 20 inbred rat strains. Genomics data, 10, 155.

Ohnishi M, et al. (2016) Improved method for measurement of multi-walled carbon nanotubes in rat lung. Journal of occupational medicine and toxicology (London, England), 11, 44.

Yamazaki T, et al. (2016) A proteolytic modification of AIM promotes its renal excretion. Scientific reports, 6, 38762.

Kasai T, et al. (2016) Lung carcinogenicity of inhaled multi-walled carbon nanotube in rats. Particle and fibre toxicology, 13(1), 53.

Suzuki I, et al. (2016) 4-Methylthio-3-butenyl isothiocyanate (raphasatin) exerts chemopreventive effects against esophageal carcinogenesis in rats. Journal of toxicologic pathology, 29(4), 237.

Nakanishi S, et al. (2015) Slc:Wistar outbred rats show close genetic similarity with F344 inbred rats. Experimental animals, 64(1), 25.

Sato M, et al. (2015) Modifications of azoxymethane-induced carcinogenesis and 90-day oral toxicities of 2-tetradecylcyclobutanone as a radiolytic product of stearic acid in F344 rats. Journal of toxicologic pathology, 28(2), 99.

Kakehashi A, et al. (2015) Induction of cell proliferation in the rat liver by the short-term administration of ethyl tertiary-butyl ether. Journal of toxicologic pathology, 28(1), 27.