

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

F344/Jcl

RRID:RGD_1547866

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1547866>

Proper Citation: RRID:RGD_1547866

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

Species: Rattus norvegicus

Notes: Inbred strain originated from F344 [CLEA Japan, Inc](#)

Catalog Number: 1547866

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals (as of 2021-04-22)

Alternate IDs: 1547866

Organism Name: F344/Jcl

Record Creation Time: 20230509T191931+0000

Record Last Update: 20260725T194236+0000

Ratings and Alerts

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

No alerts have been found for F344/Jcl.

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 [PRECISE-TBI](#) .

Ji MT, et al. (2024) Limited WKY chromosomal regions confer increases in anxiety and fear memory in a F344 congenic rat strain. *Physiological genomics*, 56(4), 327.

Leung C, et al. (2021) 3D single cell scale anatomical map of sex-dependent variability of the rat intrinsic cardiac nervous system. *iScience*, 24(7), 102795.

Panneerselvam J, et al. (2021) Inflammatory Mediators and Gut Microbial Toxins Drive Colon Tumorigenesis by IL-23 Dependent Mechanism. *Cancers*, 13(20).

Achanta S, et al. (2020) A Comprehensive Integrated Anatomical and Molecular Atlas of Rat Intrinsic Cardiac Nervous System. *iScience*, 23(6), 101140.

Miyawaki Y, et al. (2020) Zonisamide promotes survival of human-induced pluripotent stem cell-derived dopaminergic neurons in the striatum of female rats. *Journal of neuroscience research*, 98(8), 1575.

Meconi A, et al. (2015) Sustained Arc expression in adult-generated granule cells. *Neuroscience letters*, 603, 66.