

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

RCS-*rdy*⁺*p*⁺/LavRrrc

RRID:RRRC_00316

Type: Organism

Proper Citation

RRID:RRRC_00316

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=1358278

Proper Citation: RRID:RRRC_00316

Description: Rattus norvegicus with name RCS-*rdy*⁺*p*⁺/LavRrrc from RGD.

Species: Rattus norvegicus

Notes: Developed by crossing a pink-eyed control(RCS-*rdy*⁺/Lav x black-eyed dystrophic(RCS-*p*⁺/Lav) The F12 progeny was backcrossed to RCS-*rdy*⁺/Lav. The strain is pigmented (*p*⁺) congenic control strain (*rdy*⁺, wild-type at the retinal dystrophy locus) for the pigmented RCS-*p*⁺ dystrophic (*rdy*⁻) strain [Retinal Degeneration Rat Model Resource](#) , [Rat Resource and Research Center](#)

Catalog Number: 00316

Background: congenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Live Animals; Cryopreserved Embryo; Cryopreserved Sperm (as of 2021-02-12)

Alternate IDs: RGD_1358278, 1358278, RRRC_316, RRRC_0316, RRRC_00316

Organism Name: RCS-*rdy*⁺*p*⁺/LavRrrc

Record Creation Time: 20230607T202005+0000

Record Last Update: 20260801T100212+0000

Ratings and Alerts

No rating or validation information has been found for RCS-*rdy*⁺*p*⁺/LavRrrc .

No alerts have been found for RCS-*rdy*⁺*p*⁺/LavRrrc .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

, et al. (2025) Late emergence of pathological oscillatory activity in the retina of the Retinitis pigmentosa model RCS (Royal College of Surgeons) rat. PloS one, 20(5), e0324345.

Surendran H, et al. (2022) An improved protocol for generation and characterization of human-induced pluripotent stem cell-derived retinal pigment epithelium cells. STAR protocols, 3(4), 101803.