

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

RCS-rdy-p

RRID:RGD_728192

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=728192>

Proper Citation: RRID:RGD_728192

Description: Rattus norvegicus with name RCS-rdy-p from RGD.

Species: Rattus norvegicus

Notes: This congenic strain is obtained from pink-eyed, tan-hooded RCS rats. Retinal degeneration starts at about 3 weeks. [NIH Autoimmune Rat Model Repository and Development Center](#)

Catalog Number: 728192

Background: congenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 728192

Organism Name: RCS-rdy-p

Record Creation Time: 20230509T191928+0000

Record Last Update: 20260912T202502+0000

Ratings and Alerts

No rating or validation information has been found for RCS-rdy-p.

No alerts have been found for RCS-rdy-p.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

He J, et al. (2022) Disease-associated microglial activation prevents photoreceptor degeneration by suppressing the accumulation of cell debris and neutrophils in degenerating rat retinas. *Theranostics*, 12(6), 2687.

He J, et al. (2019) Microglia Mediate Synaptic Material Clearance at the Early Stage of Rats With Retinitis Pigmentosa. *Frontiers in immunology*, 10, 912.

Dai J, et al. (2017) Improved retinal function in RCS rats after suppressing the over-activation of mGluR5. *Scientific reports*, 7(1), 3546.

Tao Z, et al. (2016) Lin28B promotes Müller glial cell de-differentiation and proliferation in the regenerative rat retinas. *Oncotarget*, 7(31), 49368.