Resource Summary Report

Generated by NIF on Aug 3, 2026

SD-Tg(Rho*P23H)1Lav

RRID:RRRC_00639
Type: Organism

Proper Citation

RRID:RRRC_00639

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=155641233

Proper Citation: RRID:RRRC_00639

Description: Rattus norvegicus with name SD-Tg(Rho*P23H)1Lav from RGD.

Species: Rattus norvegicus

Notes: This transgenic strain carries a copy of mouse Rhodopsin gene with a proline to histidine substitution at codon 23 (c.68C>A). Retinal Degeneration Rat Model Resource , Rat Resource and Research Center

Catalog Number: 00639

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Unknown

Alternate IDs: RGD_155641233, 155641233, RRRC_639, RRRC_0639, RRRC_00639

Organism Name: SD-Tg(Rho*P23H)1Lav

Record Creation Time: 20230607T202008+0000

Record Last Update: 20260801T100219+0000

Ratings and Alerts

No rating or validation information has been found for SD-Tg(Rho*P23H)1Lav .

No alerts have been found for SD-Tg(Rho*P23H)1Lav .

Data and Source Information

Source: Integrated Animals

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Sen M, et al. (2021) Pharmacological Inhibition of the VCP/Proteasome Axis Rescues Photoreceptor Degeneration in RHOP23H Rat Retinal Explants. Biomolecules, 11(10).

Sen M, et al. (2021) Efficient Ocular Delivery of VCP siRNA via Reverse Magnetofection in RHO P23H Rodent Retina Explants. Pharmaceutics, 13(2).

Sen M, et al. (2021) Retinal neuroprotection by controlled release of a VCP inhibitor from self-assembled nanoparticles. Journal of controlled release : official journal of the Controlled Release Society, 339, 307.

LaVail MM, et al. (2018) Phenotypic characterization of P23H and S334ter rhodopsin transgenic rat models of inherited retinal degeneration. Experimental eye research, 167, 56.