

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

SD-Tg(Rho*S334X)4Lav

RRID:RRRC_00645

Type: Organism

Proper Citation

RRID:RRRC_00645

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=1358303

Proper Citation: RRID:RRRC_00645

Description: Rattus norvegicus with name SD-Tg(Rho*S334X)4Lav from RGD.

Species: Rattus norvegicus

Notes: This transgenic strain carries a mouse rhodopsin gene that bears a termination codon at residue 334, which encodes a C-terminal truncated opsin protein. [Retinal Degeneration Rat Model Resource](#), [Rat Resource and Research Center](#)

Catalog Number: 00645

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Unknown

Alternate IDs: RGD_1358303, 1358303, RRRC_645, RRRC_0645, RRRC_00645

Organism Name: SD-Tg(Rho*S334X)4Lav

Record Creation Time: 20230607T202005+0000

Record Last Update: 20260905T094654+0000

Ratings and Alerts

No rating or validation information has been found for SD-Tg(Rho*S334X)4Lav .

No alerts have been found for SD-Tg(Rho*S334X)4Lav .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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