

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

Rhodopsin

RRID:NSRRC_0017

Type: Organism

Proper Citation

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Organism Information

URL: <https://nsrrc.missouri.edu/StrainAvail/>

Proper Citation: RRID:NSRRC_0017

Description: Application: Study of Retinitis Pigmentosa

Species: Sus scrofa

Notes: Application: Study of Retinitis Pigmentosa

Phenotype: reduced rod and cone function, impaired vision

Affected Gene: RHO

Genomic Alteration: Transgene: Rhodopsin (RHO) P23H substitution

Catalog Number: 17

Background: NIHc/c

Database: NSRRC, National Swine Resource and Research Center (NSRRC)

Database Abbreviation: NSRRC

Source References: [PMID:22247487](#)

Organism Name: Rhodopsin

Record Creation Time: 20230226T235432+0000

Record Last Update: 20260829T225921+0000

Ratings and Alerts

No rating or validation information has been found for Rhodopsin.

No alerts have been found for Rhodopsin.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: NSRRC, National Swine Resource and Research Center (NSRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Scott PA, et al. (2017) Progression of Pro23His Retinopathy in a Miniature Swine Model of Retinitis Pigmentosa. Translational vision science & technology, 6(2), 4.