

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

129Sv.Cg-Rho^{tm1Phm}/Mmnc

RRID:MMRRC_051258-UNC

Type: Organism

Proper Citation

RRID:MMRRC_051258-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=51258

Proper Citation: RRID:MMRRC_051258-UNC

Description: Mus musculus with name 129Sv.Cg-Rho^{tm1Phm}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal retinal photoreceptor morphology [MP:0001004] abnormal retinal rod cell morphology [MP:0001005] retinal degeneration [MP:0001326] decreased retinal photoreceptor cell number [MP:0001327] abnormal rod electrophysiology [MP:0004021] abnormal cone electrophysiology [MP:0004022] abnormal eye electrophysiology [MP:0005551] abnormal horizontal cell morphology [MP:0006068] abnormal retinal neuronal layer morphology [MP:0006069] abnormal retinal rod bipolar cell morphology [MP:0006074] retinal photoreceptor degeneration [MP:0008450] thin retinal outer nuclear layer [MP:0008515] absent photoreceptor outer segment [MP:0008585] disorganized photoreceptor outer segment [MP:0008586] short photoreceptor outer segment [MP:0008587]

Affected Gene: Rho

Catalog Number: 051258-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9020854](#), [PMID:9020830](#), [PMID:10367972](#), [PMID:11497420](#)

Alternate IDs: MMRRC_51258-UNC, MMRRC_051258, MMRRC_51258

Organism Name: 129Sv.Cg-*Rho*^{tm1Phm}/Mmnc

Record Creation Time: 20230308T055316+0000

Record Last Update: 20260725T164446+0000

Ratings and Alerts

No rating or validation information has been found for 129Sv.Cg-*Rho*^{tm1Phm}/Mmnc.

No alerts have been found for 129Sv.Cg-*Rho*^{tm1Phm}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.