

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

B6.Cg-Rho^{tm1Phm}/Mmnc

RRID:MMRRC_050635-UNC

Type: Organism

Proper Citation

RRID:MMRRC_050635-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50635

Proper Citation: RRID:MMRRC_050635-UNC

Description: Mus musculus with name B6.Cg-Rho^{tm1Phm}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Models for Human Disease, Sensorineural; 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: 050635-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_50635-UNC, MMRRC_050635, MMRRC_5635

Organism Name: B6.Cg-*Rho*^{tm1Phm}/Mmnc

Record Creation Time: 20230308T055313+0000

Record Last Update: 20260815T125628+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Rho*^{tm1Phm}/Mmnc.

No alerts have been found for B6.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.