

# Resource Summary Report

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

## B6.Cg-Rho<sup>tm1Phm</sup>/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](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50635)

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**Description:** Mus musculus with name B6.Cg-Rho<sup>tm1Phm</sup>/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*<sup>tm1Phm</sup>/Mmnc

**Record Creation Time:** 20230308T055313+0000

**Record Last Update:** 20260725T164439+0000

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## Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Rho*<sup>tm1Phm</sup>/Mmnc.

No alerts have been found for B6.Cg-*Rho*<sup>tm1Phm</sup>/Mmnc.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.