

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Cry2^{tm1Asn}/Cry2^{tm1Asn}](#); [Cry1^{tm1Asn}/Cry1^{tm1Asn}](#);
[Pde6b^{rd1}/Pde6b^{rd1}](#)

RRID:MGI:2451102

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:2451102

Description: Allele Detail: Targeted, Spontaneous This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted, Spontaneous This is a legacy resource.

Phenotype: impaired pupillary reflex, abnormal retinal outer nuclear layer morphology, retinal degeneration, abnormal circadian behavior phase, hypoactivity, abnormal locomotor circadian rhythm, decreased retinal cone cell number, absent retinal rod cells, abnormal retina morphology, absent photoreceptor outer segment

Affected Gene: Cry1, Cry2, Pde6b

Genomic Alteration: tm1Asn, rd1

Catalog Number: 2451102

Background: involves: 129P2/OlaHsd * C3H/HeJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12522242](#), [PMID:11114194](#)

Organism Name: Cry2^{tm1Asn}/Cry2^{tm1Asn}; Cry1^{tm1Asn}/Cry1^{tm1Asn}; Pde6b^{rd1}/Pde6b^{rd1}

Record Creation Time: 20240120T190744+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for Cry2^{tm1Asn}/Cry2^{tm1Asn}; Cry1^{tm1Asn}/Cry1^{tm1Asn}; Pde6b^{rd1}/Pde6b^{rd1}.

No alerts have been found for Cry2^{tm1Asn}/Cry2^{tm1Asn}; Cry1^{tm1Asn}/Cry1^{tm1Asn}; Pde6b^{rd1}/Pde6b^{rd1}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.