

Resource Summary Report

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

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

RRID:MGI:2450985

Type: Organism

Proper Citation

RRID:MGI:2450985

Organism Information

URL:

Proper Citation: RRID:MGI:2450985

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

Species: Mus musculus

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

Phenotype: decreased subcutaneous adipose tissue amount, abnormal circadian regulation of heart rate, abnormal circadian temperature homeostasis, abnormal brown adipose tissue morphology, arrhythmic circadian behavior persistence, impaired glucose tolerance, decreased body weight, increased insulin sensitivity, decreased abdominal adipose tissue amount, decreased total body fat amount, increased oxygen consumption

Affected Gene: Cry2, Cry1

Genomic Alteration: tm1Asn

Catalog Number: 2450985

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10518585](#), [PMID:17964540](#)

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

Record Creation Time: 20240120T190744+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

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

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

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.