

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

B6.129P2-Cry2^{tm1Asn}/J

RRID:IMSR_JAX:016185

Type: Organism

Proper Citation

RRID:IMSR_JAX:016185

Organism Information

URL: <https://www.jax.org/strain/016185>

Proper Citation: RRID:IMSR_JAX:016185

Description: Mus musculus with name B6.129P2-Cry2^{tm1Asn}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: cryptochrome circadian regulator 2; mutant strain|congenic strain: Cry2

Affected Gene: cryptochrome circadian regulator 2

Genomic Alteration: targeted mutation 1; Aziz Sancar

Catalog Number: JAX:016185

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Cry2^{tm1Asn}/J

Record Creation Time: 20250513T053729+0000

Record Last Update: 20260801T050435+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Cry2^{tm1Asn}/J.

No alerts have been found for B6.129P2-Cry2^{tm1Asn}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Lowe M, et al. (2018) Cry2 Is Critical for Circadian Regulation of Myogenic Differentiation by Bclaf1-Mediated mRNA Stabilization of Cyclin D1 and Tmem176b. Cell reports, 22(8), 2118.

Savalli G, et al. (2015) Anhedonic behavior in cryptochrome 2-deficient mice is paralleled by altered diurnal patterns of amygdala gene expression. Amino acids, 47(7), 1367.