Resource Summary Report

Generated by kravitz2 on Sep 19, 2026

C3Sn.BLiA-Pde6b^{+}/DnJ

RRID:IMSR_JAX:003648
Type: Organism

Proper Citation

RRID:IMSR_JAX:003648

Organism Information

URL: https://www.jax.org/strain/003648

Proper Citation: RRID:IMSR_JAX:003648

Description: Mus musculus with name C3Sn.BLiA-Pde6b^{+}/DnJ from IMSR.

Species: Mus musculus

Synonyms: C3Sn.BLiA-Pde6b+>/Dn

Notes: gene symbol note: chloride channel CLIC-like 1|phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide; mutant strain|congenic strain: Clcc1|Pde6b

Affected Gene: chloride channel CLIC-like 1|phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide

Genomic Alteration: mutation 1; Jackson|wild type

Catalog Number: JAX:003648

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C3Sn.BLiA-Pde6b^{+}/DnJ

Record Creation Time: 20250513T053640+0000

Record Last Update: 20260919T054830+0000

Ratings and Alerts

No rating or validation information has been found for C3Sn.BLiA-Pde6b^{+}/DnJ.

No alerts have been found for C3Sn.BLiA-Pde6b^{+}/DnJ.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Liu H, et al. (2023) DSCAM gene triplication causes excessive GABAergic synapses in the neocortex in Down syndrome mouse models. PLoS biology, 21(4), e3002078.

Contreras EO, et al. (2021) Pupillary reflex and behavioral masking responses to light as functional measures of retinal degeneration in mice. PloS one, 16(1), e0244702.

Macke EL, et al. (2020) Loss of Chondroitin Sulfate Modification Causes Inflammation and Neurodegeneration in skt Mice. Genetics, 214(1), 121.

Aziz NM, et al. (2018) Lifespan analysis of brain development, gene expression and behavioral phenotypes in the Ts1Cje, Ts65Dn and Dp(16)1/Yey mouse models of Down syndrome. Disease models & mechanisms, 11(6).

Chang B, et al. (2015) Survey of the nob5 mutation in C3H substrains. Molecular vision, 21, 1101.

van Wyk M, et al. (2015) Restoring the ON Switch in Blind Retinas: Opto-mGluR6, a Next-Generation, Cell-Tailored Optogenetic Tool. PLoS biology, 13(5), e1002143.