

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

B6.C3-Pde6b^{rd1} Hps4/J

RRID:IMSR_JAX:000002

Type: Organism

Proper Citation

RRID:IMSR_JAX:000002

Organism Information

URL: <https://www.jax.org/strain/000002>

Proper Citation: RRID:IMSR_JAX:000002

Description: Mus musculus with name B6.C3-Pde6b^{rd1} Hps4/J from IMSR.

Species: Mus musculus

Synonyms: B6.C3-Pde6b le. B6.C3-Pde6b Hps4

Notes: gene symbol note: phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide|HPS4; biogenesis of lysosomal organelles complex 3 subunit 2; mutant strain|congenic strain: Pde6b|Hps4

Affected Gene: phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide|HPS4; biogenesis of lysosomal organelles complex 3 subunit 2

Genomic Alteration: retinal degeneration 1|light-ear

Catalog Number: JAX:000002

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.C3-Pde6b^{rd1} Hps4/J

Record Creation Time: 20250513T053614+0000

Record Last Update: 20260919T054802+0000

Ratings and Alerts

No rating or validation information has been found for B6.C3-Pde6b^{rd1} Hps4/J.

No alerts have been found for B6.C3-Pde6b^{rd1} Hps4/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 [NIF](#) .

Baldassarre M, et al. (2021) The Rab32/BLOC-3-dependent pathway mediates host defense against different pathogens in human macrophages. Science advances, 7(3).

Park H, et al. (2013) Retinal degeneration increases susceptibility to myopia in mice. Molecular vision, 19, 2068.