

# Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

## C3;CAnN-Pde6b<sup>atrd1</sup>/H

RRID:IMSR\_EM:01292

Type: Organism

### Proper Citation

RRID:IMSR\_EM:01292

### Organism Information

**URL:** <https://www.infrafrontier.eu/emma/strain-details/?q=1292>

**Proper Citation:** RRID:IMSR\_EM:01292

**Description:** Mus musculus with name C3;CAnN-Pde6b<sup>atrd1</sup>/H from IMSR.

**Species:** Mus musculus

**Synonyms:** GENA245. C3H;C-Pde6b/H. Pde6b

**Notes:** gene symbol note: phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide;  
mutant strain: Pde6b

**Affected Gene:** phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide

**Genomic Alteration:** atypical retinal degeneration 1

**Catalog Number:** EM:01292

**Database:** European Mouse Mutant Archive

**Database Abbreviation:** EMMA

**Availability:** embryo

**Alternate IDs:** MGI:3577086, IMSR\_HAR:876

**Organism Name:** C3;CAnN-Pde6b<sup>atrd1</sup>/H

**Record Creation Time:** 20250513T062210+0000

**Record Last Update:** 20260829T054510+0000

### Ratings and Alerts

No rating or validation information has been found for C3;CAnN-Pde6b<sup>atrd1</sup>/H.

No alerts have been found for C3;CAnN-Pde6b<sup>atrd1</sup>/H.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** European Mouse Mutant Archive

---

## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Komissarov G, et al. (2025) Protocol to assess retinal metabolic flux of mice via stable isotope-resolved metabolomics. STAR protocols, 7(1), 104252.

Nolan ND, et al. (2024) CRISPR editing of anti-anemia drug target rescues independent preclinical models of retinitis pigmentosa. Cell reports. Medicine, 5(4), 101459.