

Resource Summary Report

Generated by [dkNET](#) on Aug 13, 2026

C3;CAnN-Pde6b^{atrd1}/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^{atrd1}/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^{atrd1}/H

Record Creation Time: 20250513T062210+0000

Record Last Update: 20260808T055704+0000

Ratings and Alerts

No rating or validation information has been found for C3;CAnN-Pde6b^{atrd1}/H.

No alerts have been found for C3;CAnN-Pde6b^{atrd1}/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 [dkNET](#) .

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.