

# Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

## B6;129P2-Pde2a<sup>tm1Dgen</sup>/H

RRID:IMSR\_EM:02366

Type: Organism

### Proper Citation

RRID:IMSR\_EM:02366

### Organism Information

**URL:** <https://www.infrafrontier.eu/emma/strain-details/?q=2366>

**Proper Citation:** RRID:IMSR\_EM:02366

**Description:** Mus musculus with name B6;129P2-Pde2a<sup>tm1Dgen</sup>/H from IMSR.

**Species:** Mus musculus

**Synonyms:** DELTAGEN\_T1165. Pde2a. B6;129P2-Pde2a

**Notes:** gene symbol note: phosphodiesterase 2A; cGMP-stimulated; mutant strain: Pde2a

**Affected Gene:** phosphodiesterase 2A; cGMP-stimulated

**Genomic Alteration:** targeted mutation 1; Deltagen

**Catalog Number:** EM:02366

**Database:** European Mouse Mutant Archive

**Database Abbreviation:** EMMA

**Availability:** sperm

**Alternate IDs:** MGI:5451024, IMSR\_HAR:1921

**Organism Name:** B6;129P2-Pde2a<sup>tm1Dgen</sup>/H

**Record Creation Time:** 20250513T062218+0000

**Record Last Update:** 20260808T055716+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129P2-Pde2a<sup>tm1Dgen</sup>/H.

No alerts have been found for B6;129P2-Pde2a<sup>tm1Dgen</sup>/H.

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## Data and Source Information

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

**Source Database:** European Mouse Mutant Archive

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Carlantoni C, et al. (2024) The phosphodiesterase 2A controls lymphatic junctional maturation via cGMP-dependent notch signaling. *Developmental cell*, 59(3), 308.

Schmidt H, et al. (2016) Dorsal root ganglion axon bifurcation tolerates increased cyclic GMP levels: the role of phosphodiesterase 2A and scavenger receptor Npr3. *The European journal of neuroscience*, 44(12), 2991.