

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

B6;129P2-Pde2a^{tm1Dgen}/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^{tm1Dgen}/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^{tm1Dgen}/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^{tm1Dgen}/H.

No alerts have been found for B6;129P2-Pde2a^{tm1Dgen}/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 [SPARC SAWG](#) .

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.