

# Resource Summary Report

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

## B6;129-Ppt1<sup>tm1Hof</sup>/J

RRID:IMSR\_JAX:004313

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:004313

### Organism Information

**URL:** <https://www.jax.org/strain/004313>

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**Description:** Mus musculus with name B6;129-Ppt1<sup>tm1Hof</sup>/J from IMSR.

**Species:** Mus musculus

**Synonyms:** B6;129-Ppt/J

**Notes:** gene symbol note: palmitoyl-protein thioesterase 1; mutant stock: Ppt1

**Affected Gene:** palmitoyl-protein thioesterase 1

**Genomic Alteration:** targeted mutation 1; Sandra L Hoffmann

**Catalog Number:** JAX:004313

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6;129-Ppt1<sup>tm1Hof</sup>/J

**Record Creation Time:** 20250513T053644+0000

**Record Last Update:** 20260808T050845+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129-Ppt1<sup>tm1Hof</sup>/J.

No alerts have been found for B6;129-Ppt1<sup>tm1Hof</sup>/J.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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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 [ASWG](#).

Tieze SM, et al. (2025) Molecular elucidation of brain lipofuscin in aging and Neuronal Ceroid Lipofuscinosis. Research square.

Gorenberg EL, et al. (2022) Identification of substrates of palmitoyl protein thioesterase 1??highlights roles of depalmitoylation in disulfide bond formation and synaptic function. PLoS biology, 20(3), e3001590.