

# Resource Summary Report

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

## B6.129-Pcyt1a<sup>tm1lrt/J</sup>

RRID:IMSR\_JAX:008397

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:008397

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### Organism Information

**URL:** <https://www.jax.org/strain/008397>

**Proper Citation:** RRID:IMSR\_JAX:008397

**Description:** Mus musculus with name B6.129-Pcyt1a<sup>tm1lrt/J</sup> from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: phosphate cytidyltransferase 1; choline; alpha isoform; mutant strain|congenic strain: Pcyt1a

**Affected Gene:** phosphate cytidyltransferase 1; choline; alpha isoform

**Genomic Alteration:** targeted mutation 1; Ira Tabas

**Catalog Number:** JAX:008397

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129-Pcyt1a<sup>tm1lrt/J</sup>

**Record Creation Time:** 20250513T053708+0000

**Record Last Update:** 20260829T045009+0000

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### Ratings and Alerts

No rating or validation information has been found for B6.129-Pcyt1a<sup>tm1lrt/J</sup>.

No alerts have been found for B6.129-Pcyt1a<sup>tm1lrt/J</sup>.

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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](#) .

McCright SJ, et al. (2025) Dietary saturated fatty acids promote lung myeloid cell inflammasome activation and IL-1??-mediated inflammation in mice and humans. Science translational medicine, 17(813), eadp5653.

Petkevicius K, et al. (2019) Accelerated phosphatidylcholine turnover in macrophages promotes adipose tissue inflammation in obesity. eLife, 8.