

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

B6.129-Pcyt1a^{tm1lrt/J}

RRID:IMSR_JAX:008397

Type: Organism

Proper Citation

RRID:IMSR_JAX:008397

Organism Information

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

Proper Citation: RRID:IMSR_JAX:008397

Description: Mus musculus with name B6.129-Pcyt1a^{tm1lrt/J} 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^{tm1lrt/J}

Record Creation Time: 20250513T053708+0000

Record Last Update: 20260905T044452+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Pcyt1a^{tm1lrt/J}.

No alerts have been found for B6.129-Pcyt1a^{tm1lrt/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

McCright SJ, et al. (2025) Dietary saturated fatty acids promote lung myeloid cell inflammasome activation and IL-1 β -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.