

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 12, 2025

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: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:8397

Organism Name: B6.129-Pcyt1a^{tm1lrt}/J

Record Creation Time: 20230509T193257+0000

Record Last Update: 20250412T090451+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: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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