

Resource Summary Report

Generated by PRECISE-TBI on Sep 20, 2026

C57BL/6-Pml^{tm1(PML/RARA)}Ley/J

RRID:IMSR_JAX:017959

Type: Organism

Proper Citation

RRID:IMSR_JAX:017959

Organism Information

URL: <https://www.jax.org/strain/017959>

Proper Citation: RRID:IMSR_JAX:017959

Description: Mus musculus with name C57BL/6-Pml^{tm1(PML/RARA)}Ley/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: promyelocytic leukemia|retinoic acid receptor alpha; coisogenic strain|mutant strain: Pml|PML|RARA

Affected Gene: promyelocytic leukemia|retinoic acid receptor alpha

Genomic Alteration: targeted mutation 1; Timothy J Ley

Catalog Number: JAX:017959

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Pml^{tm1(PML/RARA)}Ley/J

Record Creation Time: 20250513T053735+0000

Record Last Update: 20260919T054922+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Pml^{tm1(PML/RARA)}Ley/J.

No alerts have been found for C57BL/6-Pml^{tm1(PML/RARA)}Ley/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 [PRECISE-TBI](#) .

Kumar S, et al. (2020) Trisenox Disrupts MDM2-DAXX-HAUSP Complex and Induces Apoptosis in a Mouse Model of Acute Leukemia. Journal of Cancer, 11(15), 4373.

Li K, et al. (2017) TRIB3 Promotes APL Progression through Stabilization of the Oncoprotein PML-RAR?? and Inhibition of p53-Mediated Senescence. Cancer cell, 31(5), 697.