

Resource Summary Report

Generated by T1D on Sep 21, 2026

C57BL/6J-Timeless^{em1Ljp/J}

RRID:IMSR_JAX:034832

Type: Organism

Proper Citation

RRID:IMSR_JAX:034832

Organism Information

URL: <https://www.jax.org/strain/034832>

Proper Citation: RRID:IMSR_JAX:034832

Description: Mus musculus with name C57BL/6J-Timeless^{em1Ljp/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: timeless circadian clock 1; coisogenic strain|mutant strain: Timeless

Affected Gene: timeless circadian clock 1

Genomic Alteration: endonuclease-mediated mutation 1; Louis J Ptacek

Catalog Number: JAX:034832

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6J-Timeless^{em1Ljp/J}

Record Creation Time: 20250513T053846+0000

Record Last Update: 20260919T055029+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Timeless^{em1Ljp/J}.

No alerts have been found for C57BL/6J-Timeless^{em1Ljp/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Prinkey K, et al. (2024) Fluorescence lifetime imaging of AMPA receptor endocytosis in living neurons: effects of A β and PP1. *Frontiers in molecular neuroscience*, 17, 1409401.

Chen JF, et al. (2021) Enhancing myelin renewal reverses cognitive dysfunction in a murine model of Alzheimer's disease. *Neuron*, 109(14), 2292.

Hu Y, et al. (2021) Replicative senescence dictates the emergence of disease-associated microglia and contributes to A β pathology. *Cell reports*, 35(10), 109228.

Zhang X, et al. (2021) Modulating adult neurogenesis affects synaptic plasticity and cognitive functions in mouse models of Alzheimer's disease. *Stem cell reports*, 16(12), 3005.