

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

B6;129-Cd3e^{tm1Lov}/J

RRID:IMSR_JAX:004177

Type: Organism

Proper Citation

RRID:IMSR_JAX:004177

Organism Information

URL: <https://www.jax.org/strain/004177>

Proper Citation: RRID:IMSR_JAX:004177

Description: Mus musculus with name B6;129-Cd3e^{tm1Lov}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: CD3 antigen; epsilon polypeptide; mutant stock: Cd3e

Affected Gene: CD3 antigen; epsilon polypeptide

Genomic Alteration: targeted mutation 1; Paul E Love

Catalog Number: JAX:004177

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129-Cd3e^{tm1Lov}/J

Record Creation Time: 20250513T053643+0000

Record Last Update: 20260815T050552+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Cd3e^{tm1Lov}/J.

No alerts have been found for B6;129-Cd3e^{tm1Lov}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Janusova S, et al. (2024) ABIN1 is a negative regulator of effector functions in cytotoxic T cells. EMBO reports, 25(8), 3456.

Zheng N, et al. (2022) Induction of tumor cell autosis by myxoma virus-infected CAR-T and TCR-T cells to overcome primary and acquired resistance. Cancer cell, 40(9), 973.

Boccasavia VL, et al. (2021) Antigen presentation between T cells drives Th17 polarization under conditions of limiting antigen. Cell reports, 34(11), 108861.

Horkova V, et al. (2020) Dynamics of the Coreceptor-LCK Interactions during T Cell Development Shape the Self-Reactivity of Peripheral CD4 and CD8 T Cells. Cell reports, 30(5), 1504.

Wang Y, et al. (2009) A conserved CXXC motif in CD3epsilon is critical for T cell development and TCR signaling. PLoS biology, 7(12), e1000253.

Hayes SM, et al. (2006) Stoichiometry of the murine gammadelta T cell receptor. The Journal of experimental medicine, 203(1), 47.