

# Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

## B6;129-Cd3e<sup>tm1Lov</sup>/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<sup>tm1Lov</sup>/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<sup>tm1Lov</sup>/J

**Record Creation Time:** 20250513T053643+0000

**Record Last Update:** 20260808T050845+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129-Cd3e<sup>tm1Lov</sup>/J.

No alerts have been found for B6;129-Cd3e<sup>tm1Lov</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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.