

# Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

## C57BL/6-Tg(Cd4-TcraDN32D3)1Aben/J

RRID:IMSR\_JAX:014639

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:014639

### Organism Information

**URL:** <https://www.jax.org/strain/014639>

**Proper Citation:** RRID:IMSR\_JAX:014639

**Description:** Mus musculus with name C57BL/6-Tg(Cd4-TcraDN32D3)1Aben/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: transgene insertion 1; Albert Bendelac|T cell receptor alpha chain|CD4 antigen; coisogenic strain|mutant strain: Tg(Cd4-TcraDN32D3)1Aben|Tcra|Cd4

**Affected Gene:** transgene insertion 1; Albert Bendelac|T cell receptor alpha chain|CD4 antigen

**Genomic Alteration:** transgene insertion 1; Albert Bendelac

**Catalog Number:** JAX:014639

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** C57BL/6-Tg(Cd4-TcraDN32D3)1Aben/J

**Record Creation Time:** 20250513T053728+0000

**Record Last Update:** 20260801T050443+0000

### Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Cd4-TcraDN32D3)1Aben/J.

No alerts have been found for C57BL/6-Tg(Cd4-TcraDN32D3)1Aben/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 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Hägglöf T, et al. (2022) T-bet+ B cells accumulate in adipose tissue and exacerbate metabolic disorder during obesity. Cell metabolism, 34(8), 1121.

Cao L, et al. (2022) METTL14-dependent m6A modification controls iNKT cell development and function. Cell reports, 40(5), 111156.