# Resource Summary Report

Generated by T1D on Sep 6, 2026

## B6(Cg)-Tcf7$^{tm1Hhx}$/J

RRID:IMSR_JAX:030909
Type: Organism

### Proper Citation

RRID:IMSR_JAX:030909

### Organism Information

**URL:** https://www.jax.org/strain/030909

**Proper Citation:** RRID:IMSR_JAX:030909

**Description:** Mus musculus with name B6(Cg)-Tcf7$^{tm1Hhx}$/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: |transcription factor 7; T cell specific; mutant strain: |Tcf7

**Affected Gene:** |transcription factor 7; T cell specific

**Genomic Alteration:** targeted mutation 1; Hai-Hui Xue

**Catalog Number:** JAX:030909

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** live

**Organism Name:** B6(Cg)-Tcf7$^{tm1Hhx}$/J

**Record Creation Time:** 20250513T053818+0000

**Record Last Update:** 20260905T044554+0000

### Ratings and Alerts

- Used for humanized mouse by the Human Islet Research Network community. Contact(s): Golnaz Vahedi - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for B6(Cg)-Tcf7$^{tm1Hhx}$/J.

## Data and Source Information

**Source:** Integrated Animals

**Source Database:** JAX Mice and Services

## Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at T1D .

Lassila M, et al. (2026) Progressive intestinal tumor cell plasticity, Myc activation, and loss of Lgr5+ tumor stem cell lineage commitment upon Wnt depletion. Science advances, 12(28), eaeb8564.

Murphy MK, et al. (2025) The transcriptional repressor BLIMP1 enforces TCF-1-dependent and -independent restriction of the memory fate of CD8+ T cells. Immunity, 58(10), 2472.

van der Heide V, et al. (2025) Prolonged but finite antigen presentation promotes reversible defects of "helpless" memory CD8+ T cells. Immunity, 58(7), 1742.

Torcellan T, et al. (2024) Circulating NK cells establish tissue residency upon acute infection of skin and mediate accelerated effector responses to secondary infection. Immunity, 57(1), 124.

Xue G, et al. (2024) Clinical drug screening reveals clofazimine potentiates the efficacy while reducing the toxicity of anti-PD-1 and CTLA-4 immunotherapy. Cancer cell.

Tachó-Piñot R, et al. (2023) Bcl6 is a subset-defining transcription factor of lymphoid tissue inducer-like ILC3. Cell reports, 42(11), 113425.

Wang W, et al. (2022) TCF-1 promotes chromatin interactions across topologically associating domains in T cell progenitors. Nature immunology, 23(7), 1052.