Resource Summary Report

Generated by NIF on Aug 1, 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: 20260801T050531+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 6 mentions in open access literature.

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

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.

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.

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.

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.