

Resource Summary Report

Generated by T1D on Sep 18, 2026

B6.129P2-Irf4^{tm1Mak}/J

RRID:IMSR_JAX:031834

Type: Organism

Proper Citation

RRID:IMSR_JAX:031834

Organism Information

URL: <https://www.jax.org/strain/031834>

Proper Citation: RRID:IMSR_JAX:031834

Description: Mus musculus with name B6.129P2-Irf4^{tm1Mak}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: interferon regulatory factor 4; mutant strain|congenic strain: Irf4

Affected Gene: interferon regulatory factor 4

Genomic Alteration: targeted mutation 1; Tak Mak

Catalog Number: JAX:031834

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Irf4^{tm1Mak}/J

Record Creation Time: 20250513T053824+0000

Record Last Update: 20260912T060559+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Irf4^{tm1Mak}/J.

No alerts have been found for B6.129P2-Irf4^{tm1Mak}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

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.

Schmidt C, et al. (2023) IRF4 is required for migration of CD4+ T cells to the intestine but not for Th2 and Th17 cell maintenance. *Frontiers in immunology*, 14, 1182502.

Yan H, et al. (2023) The transcription factor IRF4 determines the anti-tumor immunity of CD8+ T cells. *iScience*, 26(11), 108087.

Buchele V, et al. (2020) Th17 Cell-Mediated Colitis Is Positively Regulated by Interferon Regulatory Factor 4 in a T Cell-Extrinsic Manner. *Frontiers in immunology*, 11, 590893.