Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

B6.129S-Batf$^{tm1.1Kmm}$/J

RRID:IMSR_JAX:013758
Type: Organism

Proper Citation

RRID:IMSR_JAX:013758

Organism Information

URL: https://www.jax.org/strain/013758

Proper Citation: RRID:IMSR_JAX:013758

Description: Mus musculus with name B6.129S-Batf$^{tm1.1Kmm}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: basic leucine zipper transcription factor; ATF-like; mutant strain|congenic strain: Batf

Affected Gene: basic leucine zipper transcription factor; ATF-like

Genomic Alteration: targeted mutation 1.1; Kenneth M Murphy

Catalog Number: JAX:013758

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S-Batf$^{tm1.1Kmm}$/J

Record Creation Time: 20250513T053726+0000

Record Last Update: 20260801T050440+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S-Batf$^{tm1.1Kmm}$/J.

No alerts have been found for B6.129S-Batf$^{tm1.1Kmm}$/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 PRECISE-TBI .

Fujisawa S, et al. (2025) The transcription factor BATF pioneers the differentiation program of effector CD8+ T cells through the interaction with IRF4. Cell reports, 44(8), 116129.

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.

Tsuda M, et al. (2019) A role for BATF3 in TH9 differentiation and T-cell-driven mucosal pathologies. Mucosal immunology, 12(3), 644.

Khattar M, et al. (2019) Interleukin 21 (IL-21) regulates chronic allograft vasculopathy (CAV) in murine heart allograft rejection. PloS one, 14(11), e0225624.

Wong E, et al. (2019) Langerhans Cells Orchestrate the Protective Antiviral Innate Immune Response in the Lymph Node. Cell reports, 29(10), 3047.

Zappasodi R, et al. (2018) Non-conventional Inhibitory CD4+Foxp3-PD-1hi T Cells as a Biomarker of Immune Checkpoint Blockade Activity. Cancer cell, 33(6), 1017.

Hayatsu N, et al. (2017) Analyses of a Mutant Foxp3 Allele Reveal BATF as a Critical Transcription Factor in the Differentiation and Accumulation of Tissue Regulatory T Cells. Immunity, 47(2), 268.