

Resource Summary Report

Generated by [NIF](#) on Aug 22, 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: 20260815T050642+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 8 mentions in open access literature.

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

Murakami R, et al. (2026) Foxp3 and BATF cooperatively direct cis-regulatory programs and gene expression for effector Treg cell differentiation. *Immunity*, 59(5), 1253.

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.