

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

C57BL/6J-Stat4^{em3Adiuj/J}

RRID:IMSR_JAX:028526

Type: Organism

Proper Citation

RRID:IMSR_JAX:028526

Organism Information

URL: <https://www.jax.org/strain/028526>

Proper Citation: RRID:IMSR_JAX:028526

Description: Mus musculus with name C57BL/6J-Stat4^{em3Adiuj/J} from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Stat4/J. C57BL/6J-Stat4/J

Notes: gene symbol note: signal transducer and activator of transcription 4; coisogenic strain|mutant strain: Stat4

Affected Gene: signal transducer and activator of transcription 4

Genomic Alteration: endonuclease-mediated mutation 3; MODEL-AD Center

Catalog Number: JAX:028526

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6J-Stat4^{em3Adiuj/J}

Record Creation Time: 20250513T053804+0000

Record Last Update: 20260815T050716+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Stat4^{em3Adiuj/J}.

No alerts have been found for C57BL/6J-Stat4^{em3A}diuj/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](#) .

Powell DA, et al. (2021) Vaccine Protection of Mice With Primary Immunodeficiencies Against Disseminated Coccidioidomycosis. *Frontiers in cellular and infection microbiology*, 11, 790488.

Schroeder JH, et al. (2021) Sustained Post-Developmental T-Bet Expression Is Critical for the Maintenance of Type One Innate Lymphoid Cells In Vivo. *Frontiers in immunology*, 12, 760198.

Ren M, et al. (2020) Transcription factor p73 regulates Th1 differentiation. *Nature communications*, 11(1), 1475.

Schroeder JH, et al. (2020) T-Bet Controls Cellularity of Intestinal Group 3 Innate Lymphoid Cells. *Frontiers in immunology*, 11, 623324.

Riedelberger M, et al. (2020) Type I Interferon Response Dysregulates Host Iron Homeostasis and Enhances *Candida glabrata* Infection. *Cell host & microbe*, 27(3), 454.

Hu Y, et al. (2019) Interleukin-1 γ -induced IRAK1 ubiquitination is required for TH-17 cell differentiation in T cell-mediated inflammation. *Journal of autoimmunity*, 102, 50.