# Resource Summary Report

Generated by NIF on Aug 20, 2026

## B6AF1/J

RRID:IMSR_JAX:100002
Type: Organism

### Proper Citation

RRID:IMSR_JAX:100002

### Organism Information

**URL:** https://www.jax.org/strain/100002

**Proper Citation:** RRID:IMSR_JAX:100002

**Description:** Mus musculus with name B6AF1/J from IMSR.

**Species:** Mus musculus

**Synonyms:** (C57BL/6J x A/J)F1/J

**Notes:** gene symbol note: ; unclassified:

**Catalog Number:** JAX:100002

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** live

**Organism Name:** B6AF1/J

**Record Creation Time:** 20250513T053915+0000

**Record Last Update:** 20260815T050826+0000

### Ratings and Alerts

No rating or validation information has been found for B6AF1/J.

No alerts have been found for B6AF1/J.

### Data and Source Information

**Source:** Integrated Animals

**Source Database:** JAX Mice and Services

## Usage and Citation Metrics

We found 9 mentions in open access literature.

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


Sheppard K, et al. (2022) Stride-level analysis of mouse open field behavior using deep-learning-based pose estimation. Cell reports, 38(2), 110231.

Jiao X, et al. (2021) Treg deficiency-mediated TH 1 response causes human premature ovarian insufficiency through apoptosis and steroidogenesis dysfunction of granulosa cells. Clinical and translational medicine, 11(6), e448.

Souza SP, et al. (2021) Genetic mapping reveals Nfkbid as a central regulator of humoral immunity to Toxoplasma gondii. PLoS pathogens, 17(12), e1010081.

Shen H, et al. (2020) Mononuclear diploid cardiomyocytes support neonatal mouse heart regeneration in response to paracrine IGF2 signaling. eLife, 9.

St Clair JB, et al. (2017) Immunogenicity of Isogenic IgG in Aggregates and Immune Complexes. PloS one, 12(1), e0170556.

Pasricha S, et al. (2015) Identification of eQTLs for hepatic Xbp1s and Socs3 gene expression in mice fed a high-fat, high-caloric diet. G3 (Bethesda, Md.), 5(4), 487.

Takamura S, et al. (2014) Infection of adult thymus with murine retrovirus induces virus-specific central tolerance that prevents functional memory CD8+ T cell differentiation. PLoS pathogens, 10(3), e1003937.

McLachlan SM, et al. (2011) Exceptional hyperthyroidism and a role for both major histocompatibility class I and class II genes in a murine model of Graves' disease. PloS one, 6(6), e21378.

Samy ET, et al. (2005) Continuous control of autoimmune disease by antigen-dependent polyclonal CD4+CD25+ regulatory T cells in the regional lymph node. The Journal of experimental medicine, 202(6), 771.