

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

BALB/c-II4^{tm2Nnt}/J

RRID:IMSR_JAX:002496

Type: Organism

Proper Citation

RRID:IMSR_JAX:002496

Organism Information

URL: <https://www.jax.org/strain/002496>

Proper Citation: RRID:IMSR_JAX:002496

Description: Mus musculus with name BALB/c-II4^{tm2Nnt}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: interleukin 4; mutant strain: II4

Affected Gene: interleukin 4

Genomic Alteration: targeted mutation 2; Nancy Noben-Trauth

Catalog Number: JAX:002496

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: BALB/c-II4^{tm2Nnt}/J

Record Creation Time: 20250513T053632+0000

Record Last Update: 20260808T050834+0000

Ratings and Alerts

No rating or validation information has been found for BALB/c-II4^{tm2Nnt}/J.

No alerts have been found for BALB/c-II4^{tm2Nnt}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Das M, et al. (2025) *S. aureus* exposure during cutaneous antigen sensitization causes basophil- and interleukin-4-dependent exaggerated food anaphylaxis. *Immunity*.

El-Naccache DW, et al. (2022) Adenosine metabolized from extracellular ATP promotes type 2 immunity through triggering A2BAR signaling in intestinal epithelial cells. *Cell reports*, 40(5), 111150.

Lim RH, et al. (2007) Maternal allergic contact dermatitis causes increased asthma risk in offspring. *Respiratory research*, 8(1), 56.