

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

C57BL/6-II5^{tm1Kopf}/J

RRID:IMSR_JAX:003175

Type: Organism

Proper Citation

RRID:IMSR_JAX:003175

Organism Information

URL: <https://www.jax.org/strain/003175>

Proper Citation: RRID:IMSR_JAX:003175

Description: Mus musculus with name C57BL/6-II5^{tm1Kopf}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: interleukin 5; mutant strain: II5

Affected Gene: interleukin 5

Genomic Alteration: targeted mutation 1; Manfred A Kopf

Catalog Number: JAX:003175

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C57BL/6-II5^{tm1Kopf}/J

Record Creation Time: 20250513T053637+0000

Record Last Update: 20260919T054827+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-II5^{tm1Kopf}/J.

No alerts have been found for C57BL/6-II5^{tm1Kopf}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Jorssen J, et al. (2024) Single-cell proteomics and transcriptomics capture eosinophil development and identify the role of IL-5 in their lineage transit amplification. *Immunity*, 57(7), 1549.

Galle-Treger L, et al. (2019) Costimulation of type-2 innate lymphoid cells by GITR promotes effector function and ameliorates type 2 diabetes. *Nature communications*, 10(1), 713.

Knutsson A, et al. (2019) Associations of Interleukin-5 With Plaque Development and Cardiovascular Events. *JACC. Basic to translational science*, 4(8), 891.

Schirmer B, et al. (2018) In vivo Evidence for Partial Activation of Eosinophils via the Histamine H4-Receptor: Adoptive Transfer Experiments Using Eosinophils From H4R-/- and H4R+/+ Mice. *Frontiers in immunology*, 9, 2119.

Walsh MP, et al. (2013) Val-boroPro accelerates T cell priming via modulation of dendritic cell trafficking resulting in complete regression of established murine tumors. *PloS one*, 8(3), e58860.