Resource Summary Report

Generated by nidm-terms on Aug 29, 2026

C57BL/6-Tg(Ins2-TFRC/OVA)296Wehi/WehiJ

RRID:IMSR_JAX:005431
Type: Organism

Proper Citation

RRID:IMSR_JAX:005431

Organism Information

URL: https://www.jax.org/strain/005431

Proper Citation: RRID:IMSR_JAX:005431

Description: Mus musculus with name C57BL/6-Tg(Ins2-TFRC/OVA)296Wehi/WehiJ from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(Ins2-TFRC/OV)296Wehi/WehiJ

Notes: gene symbol note: transferrin receptor|ovalbumin|insulin II|transgene insertion 296; Walter and Eliza Hall Institute of Medical Research; mutant strain: TFRC|OVA|Ins2|Tg(Ins2-TFRC/OVA)296Wehi

Affected Gene: transferrin receptor|ovalbumin|insulin II|transgene insertion 296; Walter and Eliza Hall Institute of Medical Research

Genomic Alteration: transgene insertion 296; Walter and Eliza Hall Institute of Medical Research

Catalog Number: JAX:005431

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Tg(Ins2-TFRC/OVA)296Wehi/WehiJ

Record Creation Time: 20250513T053650+0000

Record Last Update: 20260829T044943+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Ins2-TFRC/OVA)296Wehi/WehiJ.

No alerts have been found for C57BL/6-Tg(Ins2-TFRC/OVA)296Wehi/WehiJ.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Du J, et al. (2025) Proximity between LAG-3 and the T cell receptor guides suppression of T cell activation and autoimmunity. Cell, 188(15), 4025.

Thompson SB, et al. (2020) Formin-like 1 mediates effector T cell trafficking to inflammatory sites to enable T cell-mediated autoimmunity. eLife, 9.

Lancaster JN, et al. (2019) Live-cell imaging reveals the relative contributions of antigen-presenting cell subsets to thymic central tolerance. Nature communications, 10(1), 2220.

Kurd NS, et al. (2019) A role for phagocytosis in inducing cell death during thymocyte negative selection. eLife, 8.

??yszkiewicz M, et al. (2019) miR-181a/b-1 controls thymic selection of Treg cells and tunes their suppressive capacity. PLoS biology, 17(3), e2006716.

Thyagarajan HM, et al. (2018) CCR8 is expressed by post-positive selection CD4-lineage thymocytes but is dispensable for central tolerance induction. PloS one, 13(7), e0200765.

Sharma MD, et al. (2018) Activation of p53 in Immature Myeloid Precursor Cells Controls Differentiation into Ly6c+CD103+ Monocytic Antigen-Presenting Cells in Tumors. Immunity, 48(1), 91.

Hu Z, et al. (2015) CCR4 promotes medullary entry and thymocyte-dendritic cell interactions required for central tolerance. The Journal of experimental medicine, 212(11), 1947.

Weist BM, et al. (2015) Thymic regulatory T cell niche size is dictated by limiting IL-2 from antigen-bearing dendritic cells and feedback competition. Nature immunology, 16(6), 635.

Drujont L, et al. (2014) Evaluation of the therapeutic potential of bone marrow-derived myeloid suppressor cell (MDSC) adoptive transfer in mouse models of autoimmunity and allograft rejection. PloS one, 9(6), e100013.