Resource Summary Report

Generated by dkNET on Aug 4, 2026

B6;CB-45SrRNA$^{Gt(Ayu21-B)105Imeg}$

RRID:IMSR_CARD:642
Type: Organism

Proper Citation

RRID:IMSR_CARD:642

Organism Information

URL: https://cardmice.com/rbase/strain?strainid=642

Proper Citation: RRID:IMSR_CARD:642

Description: Mus musculus with name B6;CB-45SrRNA$^{Gt(Ayu21-B)105Imeg}$ from IMSR.

Species: Mus musculus

Notes: gene symbol note: 45S rRNA gene; mutant stock: 45SrRNA

Affected Gene: 45S rRNA gene

Catalog Number: CARD:642

Database: Center for Animal Resources and Development

Database Abbreviation: CARD

Availability: embryo

Organism Name: B6;CB-45SrRNA$^{Gt(Ayu21-B)105Imeg}$

Record Creation Time: 20250513T061414+0000

Record Last Update: 20260801T054847+0000

Ratings and Alerts

No rating or validation information has been found for B6;CB-45SrRNA$^{Gt(Ayu21-B)105Imeg}$.

No alerts have been found for B6;CB-45SrRNA$^{Gt(Ayu21-B)105Imeg}$.

Data and Source Information

Source: Integrated Animals

Source Database: Center for Animal Resources and Development

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Kang J, et al. (2025) Controlling intracellular processing to enhance spherical nucleic acid immune stimulation. Proceedings of the National Academy of Sciences of the United States of America, 122(45), e2409554122.

Song Z, et al. (2025) CTG-Initiated Cryptic Peptide Translation Up- and Downstream of a Canonical ATG Start Codon Is Enhanced by TLR Stimulation and Induces Tumor Regression in Mice. Cancer immunology research, 13(8), 1246.

Bi G, et al. (2025) Targeting ALDH16A1 mediated thioredoxin lysosomal degradation to enhance ferroptosis susceptibility in SMARCA4-deficient NSCLC. Nature communications, 16(1), 8181.

El Hebieshy AF, et al. (2025) Site-directed multivalent conjugation of antibodies to ubiquitinated payloads. Nature biomedical engineering, 9(7), 1101.

Wijfjes Z, et al. (2025) Co-delivery of antigen and adjuvant by site-specific conjugation to dendritic cell-targeted Fab fragments potentiates T cell responses. RSC chemical biology, 6(6), 948.

de Dreu A, et al. (2025) Engineering Fusion Proteins for Nanomedicine-Based Cytokine Therapy. Bioconjugate chemistry, 36(8), 1698.

Lian W, et al. (2024) Dual role of CD73 as a signaling molecule and adenosine-generating enzyme in colorectal cancer progression and immune evasion. International journal of biological sciences, 20(1), 137.

Paloja K, et al. (2024) Balancing the Nanoscale Organization in Multivalent Materials for Functional Inhibition of the Programmed Death-1 Immune Checkpoint. ACS nano, 18(2), 1381.

Jäger E, et al. (2024) pH and ROS Responsiveness of Polymersome Nanovaccines for Antigen and Adjuvant Codelivery: An In Vitro and In Vivo Comparison. Biomacromolecules, 25(3), 1749.

Pallavicini I, et al. (2024) LSD1 inhibition improves efficacy of adoptive T cell therapy by enhancing CD8+ T cell responsiveness. Nature communications, 15(1), 7366.

Weiss L, et al. (2023) Direct In Vivo Activation of T Cells with Nanosized Immunofilaments Inhibits Tumor Growth and Metastasis. ACS nano, 17(13), 12101.

Gao Y, et al. (2023) Implication of 99mTc-sum IL-2 SPECT/CT in immunotherapy by imaging of tumor-infiltrating T cells. Journal for immunotherapy of cancer, 11(3).

Matthe DM, et al. (2023) Novel T cell/organoid culture system allows ex vivo modeling of intestinal graft-versus-host disease. Frontiers in immunology, 14, 1253514.

Casares N, et al. (2023) Improvement of cognitive function in wild-type and Alzheimer´s disease mouse models by the immunomodulatory properties of menthol inhalation or by depletion of T regulatory cells. Frontiers in immunology, 14, 1130044.

Marin I, et al. (2023) Cellular Senescence Is Immunogenic and Promotes Antitumor Immunity. Cancer discovery, 13(2), 410.

Pylaeva E, et al. (2022) During early stages of cancer, neutrophils initiate anti-tumor immune responses in tumor-draining lymph nodes. Cell reports, 40(7), 111171.

Linke A, et al. (2022) Antigen Cross-Presentation by Murine Proximal Tubular Epithelial Cells Induces Cytotoxic and Inflammatory CD8+ T Cells. Cells, 11(9).

Gargaro M, et al. (2022) Indoleamine 2,3-dioxygenase 1 activation in mature cDC1 promotes tolerogenic education of inflammatory cDC2 via metabolic communication. Immunity, 55(6), 1032.

Nassal JP, et al. (2022) Differential axonal trafficking of Neuropeptide Y-, LAMP1-, and RAB7-tagged organelles in vivo. eLife, 11.

Sum E, et al. (2022) The tumor-targeted CD40 agonist CEA-CD40 promotes T cell priming via a dual mode of action by increasing antigen delivery to dendritic cells and enhancing their activation. Journal for immunotherapy of cancer, 10(3).