Resource Summary Report

Generated by dkNET on Aug 30, 2026

B6.PL-Thy1^{a}/CyJ

RRID:IMSR_JAX:000406
Type: Organism

Proper Citation

RRID:IMSR_JAX:000406

Organism Information

URL: https://www.jax.org/strain/000406

Proper Citation: RRID:IMSR_JAX:000406

Description: Mus musculus with name B6.PL-Thy1^{a}/CyJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: thymus cell antigen 1; theta; mutant strain|congenic strain: Thy1

Affected Gene: thymus cell antigen 1; theta

Genomic Alteration: a variant

Catalog Number: JAX:000406

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.PL-Thy1^{a}/CyJ

Record Creation Time: 20250513T053617+0000

Record Last Update: 20260829T044906+0000

Ratings and Alerts

No rating or validation information has been found for B6.PL-Thy1^{a}/CyJ.

No alerts have been found for B6.PL-Thy1^{a}/CyJ.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 153 mentions in open access literature.

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

Sun Q, et al. (2026) Facile induction of immune tolerance by an interleukin-2-TGF? surrogate agonist. Nature, 653(8115), 888.

Scharping NE, et al. (2026) Proteostasis sustains T cell differentiation potential and tumor-infiltrating lymphocyte function. Cell, 189(10), 2857.

Kelly B, et al. (2026) Sulfur partitioning from cysteine controls T cell proliferation and effector function. Cell, 189(12), 3669.

Hunt KS, et al. (2026) Reduced Tumor Control in Males Can Result from Impaired CD4+ T-cell Help through the CD40L-CD40 Pathway. Cancer immunology research, 14(7), 1068.

Sun Q, et al. (2026) Selective Immune Silencing by Targeted TGF-? Agonists. bioRxiv : the preprint server for biology.

Burchett R, et al. (2026) A Universal Boosting Strategy for Adoptive T-cell Therapy Using a Paired Vaccine/Chimeric Antigen Receptor. Cancer immunology research, 14(2), 261.

Erwin MM, et al. (2026) TCF1lo CD8 T cells proliferate and persist autonomously in tumors. bioRxiv : the preprint server for biology.

Postat J, et al. (2026) Mechanosensing by T cells promotes a tissue-resident memory transcriptional program. Nature immunology, 27(8), 1708.

Scott MC, et al. (2025) Deep profiling deconstructs features associated with memory CD8+ T cell tissue residence. Immunity, 58(1), 162.

Mix MR, et al. (2025) Repetitive antigen stimulation in the periphery dictates the composition and recall responses of brain-resident memory CD8+ T cells. Cell reports, 44(2), 115247.

van der Heide V, et al. (2025) Prolonged but finite antigen presentation promotes reversible defects of "helpless" memory CD8+ T cells. Immunity, 58(7), 1742.

Li C, et al. (2025) Integrin CD103 expression in naive CD8+ T cells promotes cytokine-driven acquisition of memory phenotype and effector function. Immunity.

Ren Y, et al. (2025) eEF2K promotes immune evasion in melanoma via Cyclin D1-mediated stabilization of PD-L1. Journal of immunology (Baltimore, Md. : 1950).

Longo J, et al. (2025) Glucose-dependent glycosphingolipid biosynthesis fuels CD8+ T cell function and tumor control. Cell metabolism, 37(9), 1890.

Carroll SL, et al. (2025) Identification of distinct cDC2 subpopulations that direct microbiota-specific T cell differentiation. bioRxiv : the preprint server for biology.

Ver Heul AM, et al. (2025) RAG suppresses group 2 innate lymphoid cells. eLife, 13.

Grund EM, et al. (2025) Pentose phosphate pathway inhibition metabolically reprograms CD8+ T cells and disrupts CNS autoimmunity. JCI insight, 10(14).

Chen H, et al. (2025) Postprandial parasympathetic signals promote lung type 2 immunity. Neuron, 113(5), 670.

Cole AC, et al. (2025) Adoptively transferred Th17 cells cooperate with host B cells to achieve durable tumor immunity. Cancer cell, 43(9), 1697.

Zuo Y, et al. (2025) IL-36? armored CAR T cells reprogram neutrophils to induce endogenous antitumor immunity. Cancer cell.