Resource Summary Report

Generated by dkNET on Aug 6, 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: 20260801T050321+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 144 mentions in open access literature.

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

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.

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

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).

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.

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.

Ambrosi TH, et al. (2025) Basigin links altered skeletal stem cell lineage dynamics with glucocorticoid-induced bone loss and impaired angiogenesis. Nature communications, 16(1), 7606.

Dhenni R, et al. (2025) Macrophages direct location-dependent recall of B cell memory to vaccination. Cell, 188(13), 3477.

Oswald BM, et al. (2025) Dietary restriction reprograms CD8+ T cell fate to enhance anti-tumour immunity and immunotherapy responses. Nature metabolism, 7(12), 2489.

Ver Heul AM, et al. (2024) RAG suppresses group 2 innate lymphoid cells. bioRxiv : the preprint server for biology.

Ulibarri MR, et al. (2024) Epithelial organoid supports resident memory CD8 T cell differentiation. Cell reports, 43(8), 114621.

Bauer R, et al. (2024) NLRP3 promotes allergic responses to birch pollen extract in a model of intranasal sensitization. Frontiers in immunology, 15, 1393819.

Van Der Byl W, et al. (2024) The CD8+ T cell tolerance checkpoint triggers a distinct differentiation state defined by protein translation defects. Immunity, 57(6), 1324.

Villa M, et al. (2024) Prostaglandin E2 controls the metabolic adaptation of T cells to the intestinal microenvironment. Nature communications, 15(1), 451.

Fu L, et al. (2024) ROR?t-dependent antigen-presenting cells direct regulatory T cell-mediated tolerance to food antigen. bioRxiv : the preprint server for biology.