

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

C.Cg-Tg(DO11.10)10Dlo/J

RRID:IMSR_JAX:003303

Type: Organism

Proper Citation

RRID:IMSR_JAX:003303

Organism Information

URL: <https://www.jax.org/strain/003303>

Proper Citation: RRID:IMSR_JAX:003303

Description: Mus musculus with name C.Cg-Tg(DO11.10)10Dlo/J from IMSR.

Species: Mus musculus

Synonyms: BALB/c-Tg(DO11.10)10Loh/J

Notes: gene symbol note: T cell receptor beta chain|T cell receptor alpha chain|transgene insertion 10; Dennis Y Loh; mutant strain|congenic strain: Tcrb|Tcra|Tg(DO11.10)10Dlo

Affected Gene: T cell receptor beta chain|T cell receptor alpha chain|transgene insertion 10; Dennis Y Loh

Genomic Alteration: transgene insertion 10; Dennis Y Loh

Catalog Number: JAX:003303

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C.Cg-Tg(DO11.10)10Dlo/J

Record Creation Time: 20250513T053638+0000

Record Last Update: 20260801T050342+0000

Ratings and Alerts

No rating or validation information has been found for C.Cg-Tg(DO11.10)10Dlo/J.

No alerts have been found for C.Cg-Tg(DO11.10)10Dlo/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Nagai M, et al. (2024) Sugar and arginine facilitate oral tolerance by ensuring the functionality of tolerogenic immune cell subsets in the intestine. Cell reports, 43(7), 114490.

Yeh CH, et al. (2022) Primary germinal center-resident T follicular helper cells are a physiologically distinct subset of CXCR5hiPD-1hi T follicular helper cells. Immunity, 55(2), 272.

Kwon DI, et al. (2022) Homeostatic serum IgE is secreted by plasma cells in the thymus and enhances mast cell survival. Nature communications, 13(1), 1418.

Hurrell BP, et al. (2022) PD-L2 controls peripherally induced regulatory T cells by maintaining metabolic activity and Foxp3 stability. Nature communications, 13(1), 5118.

Okano M, et al. (2022) Interleukin-33-activated neuropeptide CGRP-producing memory Th2 cells cooperate with somatosensory neurons to induce conjunctival itch. Immunity, 55(12), 2352.

Parigger T, et al. (2021) Evidence for Non-Cancer-Specific T Cell Exhaustion in the Tcl1 Mouse Model for Chronic Lymphocytic Leukemia. International journal of molecular sciences, 22(13).

Kaur K, et al. (2021) GM-CSF production by non-classical monocytes controls antagonistic LPS-driven functions in allergic inflammation. Cell reports, 37(13), 110178.

Hubbard JJ, et al. (2020) FcRn is a CD32a coreceptor that determines susceptibility to IgG immune complex-driven autoimmunity. The Journal of experimental medicine, 217(10).

Murata A, et al. (2020) CD4+ Resident Memory T Cells Mediate Long-Term Local Skin Immune Memory of Contact Hypersensitivity in BALB/c Mice. Frontiers in immunology, 11, 775.

Gaylo-Moynihan A, et al. (2019) Programming of Distinct Chemokine-Dependent and -Independent Search Strategies for Th1 and Th2 Cells Optimizes Function at Inflamed

Sites. *Immunity*, 51(2), 298.

Pennock ND, et al. (2018) Ibuprofen supports macrophage differentiation, T cell recruitment, and tumor suppression in a model of postpartum breast cancer. *Journal for immunotherapy of cancer*, 6(1), 98.

Joean O, et al. (2017) Suppression of Th17-polarized airway inflammation by rapamycin. *Scientific reports*, 7(1), 15336.

Bieber K, et al. (2016) T cells mediate autoantibody-induced cutaneous inflammation and blistering in epidermolysis bullosa acquisita. *Scientific reports*, 6, 38357.

Banczyk D, et al. (2014) Activated CD4⁺ T cells enter the splenic T-cell zone and induce autoantibody-producing germinal centers through bystander activation. *European journal of immunology*, 44(1), 93.

Henderson WR, et al. (2013) Key role of group v secreted phospholipase A2 in Th2 cytokine and dendritic cell-driven airway hyperresponsiveness and remodeling. *PloS one*, 8(2), e56172.

Carlier VA, et al. (2012) Increased synapse formation obtained by T cell epitopes containing a CxxC motif in flanking residues convert CD4⁺ T cells into cytolytic effectors. *PloS one*, 7(10), e45366.

Perona-Wright G, et al. (2010) Sustained signaling by canonical helper T cell cytokines throughout the reactive lymph node. *Nature immunology*, 11(6), 520.