

# Resource Summary Report

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## 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## 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.

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.

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.

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<sup>+</sup> 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<sup>+</sup> 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.