

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

C57BL/6-Tg(TcraTcrb)1100Mjb Tg(UBC-tdTomato)1Narl/Narl

RRID:IMSR_RMRC13211

Type: Organism

Proper Citation

RRID:IMSR_RMRC13211

Organism Information

URL:

<https://www.ncb.niar.org.tw/RMRC/webe/html/data/show.aspx?ix=1&page=1&kw=13211>

Proper Citation: RRID:IMSR_RMRC13211

Description: Mus musculus with name C57BL/6-Tg(TcraTcrb)1100Mjb Tg(UBC-tdTomato)1Narl/Narl from IMSR.

Species: Mus musculus

Notes: gene symbol note: T cell receptor alpha chain|human ubiquitin C|Tandem dimer Tomato|T cell receptor beta chain; mutant stock|congenic strain: Tcra|UBC|tdTomato|Tcrb

Affected Gene: T cell receptor alpha chain|human ubiquitin C|Tandem dimer Tomato|T cell receptor beta chain

Genomic Alteration: transgene insertion 1100; Michael J Bevan|Transgene insertion 1; National Applied Research Laboratories

Catalog Number: RMRC13211

Database: National Applied Research Laboratories

Database Abbreviation: RMRC-NLAC

Availability: sperm

Organism Name: C57BL/6-Tg(TcraTcrb)1100Mjb Tg(UBC-tdTomato)1Narl/Narl

Record Creation Time: 20250513T061854+0000

Record Last Update: 20260801T055443+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(TcraTcrb)1100Mjb Tg(UBC-tdTomato)1Narl/Narl.

No alerts have been found for C57BL/6-Tg(TcraTcrb)1100Mjb Tg(UBC-tdTomato)1Narl/Narl.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: National Applied Research Laboratories

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Wu Z, et al. (2023) Acoustofluidic assembly of primary tumor-derived organotypic cell clusters for rapid evaluation of cancer immunotherapy. *Journal of nanobiotechnology*, 21(1), 40.

Jarzebska NT, et al. (2022) RNA with chemotherapeutic base analogues as a dual-functional anti-cancer drug. *Oncoimmunology*, 11(1), 2147665.

Hsu HP, et al. (2021) Heparan sulfate is essential for thymus growth. *The Journal of biological chemistry*, 296, 100419.

Veglia F, et al. (2021) Analysis of classical neutrophils and polymorphonuclear myeloid-derived suppressor cells in cancer patients and tumor-bearing mice. *The Journal of experimental medicine*, 218(4).

Alicea-Torres K, et al. (2021) Immune suppressive activity of myeloid-derived suppressor cells in cancer requires inactivation of the type I interferon pathway. *Nature communications*, 12(1), 1717.

Jarzebska NT, et al. (2021) Lipofection with Synthetic mRNA as a Simple Method for T-Cell Immunomonitoring. *Viruses*, 13(7).

Chu CF, et al. (2020) Examination of Fas-Induced Apoptosis of Murine Thymocytes in Thymic Tissue Slices Reveals That Fas Is Dispensable for Negative Selection. *Frontiers in cell and developmental biology*, 8, 586807.

Veglia F, et al. (2019) Fatty acid transport protein??2 reprograms neutrophils in cancer. *Nature*, 569(7754), 73.

Sanz-Ortega L, et al. (2019) Magnetic targeting of adoptively transferred tumour-specific nanoparticle-loaded CD8+ T cells does not improve their tumour infiltration in a mouse

model of cancer but promotes the retention of these cells in tumour-draining lymph nodes. *Journal of nanobiotechnology*, 17(1), 87.

Patel S, et al. (2018) Unique pattern of neutrophil migration and function during tumor progression. *Nature immunology*, 19(11), 1236.

Veglia F, et al. (2017) Lipid bodies containing oxidatively truncated lipids block antigen cross-presentation by dendritic cells in cancer. *Nature communications*, 8(1), 2122.

Herber DL, et al. (2010) Lipid accumulation and dendritic cell dysfunction in cancer. *Nature medicine*, 16(8), 880.