

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

B6.129P2-Tcrd^{tm1Mom}/J

RRID:IMSR_JAX:002120

Type: Organism

Proper Citation

RRID:IMSR_JAX:002120

Organism Information

URL: <https://www.jax.org/strain/002120>

Proper Citation: RRID:IMSR_JAX:002120

Description: Mus musculus with name B6.129P2-Tcrd^{tm1Mom}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: T cell receptor delta chain; mutant strain|congenic strain: Tcrd

Affected Gene: T cell receptor delta chain

Genomic Alteration: targeted mutation 1; Peter Mombaerts

Catalog Number: JAX:002120

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129P2-Tcrd^{tm1Mom}/J

Record Creation Time: 20250513T053629+0000

Record Last Update: 20260905T044408+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Tcrd^{tm1Mom}/J.

No alerts have been found for B6.129P2-Tcrd^{tm1Mom}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Kureshi CTS, et al. (2026) Dendritic cell redundancy enables priming of anti-tumor CD4+ T cells in pancreatic cancer. *Cancer cell*, 44(7), 1381.

Lang PA, et al. (2025) Optimized arenaviruses with tumor-tropic mutations promote safe anti-tumor efficacy via sustainable immune modulatory properties. *Cell reports. Medicine*, 6(10), 102411.

Das M, et al. (2025) *S. aureus* exposure during cutaneous antigen sensitization causes basophil- and interleukin-4-dependent exaggerated food anaphylaxis. *Immunity*.

Hsu AT, et al. (2025) An unconventional T cell nexus drives HCK-mediated chronic obstructive pulmonary disease in mice. *EBioMedicine*, 115, 105707.

Carnevale S, et al. (2024) Neutrophils Mediate Protection Against Colitis and Carcinogenesis by Controlling Bacterial Invasion and IL22 Production by ?? T Cells. *Cancer immunology research*, 12(4), 413.

Wiesheu R, et al. (2024) IL-27 maintains cytotoxic Ly6C+ ?? T cells that arise from immature precursors. *The EMBO journal*, 43(14), 2878.

Li X, et al. (2024) MCRS1 sensitizes T cell-dependent immunotherapy by augmenting MHC-I expression in solid tumors. *The Journal of experimental medicine*, 221(12).

Zhang M, et al. (2024) IL-27 disturbs lipid metabolism and restrains mitochondrial activity to inhibit ?? T17 cell-mediated skin inflammation. *Cell death & disease*, 15(7), 491.

Witt LT, et al. (2024) *Streptococcus agalactiae* and *Escherichia coli* induce distinct effector ?? T cell responses during neonatal sepsis. *iScience*, 27(5), 109669.

Verma S, et al. (2024) Antigen-level resolution of commensal-specific B cell responses can be enabled by phage display screening coupled with B cell tetramers. *Immunity*, 57(6), 1428.

Dar HY, et al. (2023) Callus ?? T cells and microbe-induced intestinal Th17 cells improve fracture healing in mice. *The Journal of clinical investigation*, 133(8).

Hahn AM, et al. (2023) A monoclonal Trd chain supports the development of the complete set of functional ?? T cell lineages. *Cell reports*, 42(3), 112253.

Muñoz-Ruiz M, et al. (2023) IFN- γ -dependent interactions between tissue-intrinsic $\gamma\gamma$ T cells and tissue-infiltrating CD8 T cells limit allergic contact dermatitis. *The Journal of allergy and clinical immunology*, 152(6), 1520.

Zhu L, et al. (2023) SLC38A5 aggravates DC-mediated psoriasiform skin inflammation via potentiating lysosomal acidification. *Cell reports*, 42(8), 112910.

Chora ÂF, et al. (2023) Interplay between liver and blood stages of Plasmodium infection dictates malaria severity via $\gamma\gamma$ T cells and IL-17-promoted stress erythropoiesis. *Immunity*, 56(3), 592.

Xiao Z, et al. (2023) METTL3-mediated m6A methylation orchestrates mRNA stability and dsRNA contents to equilibrate $\gamma\gamma$ T1 and $\gamma\gamma$ T17 cells. *Cell reports*, 42(7), 112684.

Ataide MA, et al. (2022) Lymphatic migration of unconventional T cells promotes site-specific immunity in distinct lymph nodes. *Immunity*, 55(10), 1813.

Liu N, et al. (2022) Dynamic trafficking patterns of IL-17-producing $\gamma\gamma$ T cells are linked to the recurrence of skin inflammation in psoriasis-like dermatitis. *EBioMedicine*, 82, 104136.

Ribot JC, et al. (2019) $\gamma\gamma$ -T cells promote IFN- γ -dependent Plasmodium pathogenesis upon liver-stage infection. *Proceedings of the National Academy of Sciences of the United States of America*, 116(20), 9979.

Guo XJ, et al. (2018) Lung $\gamma\gamma$ T Cells Mediate Protective Responses during Neonatal Influenza Infection that Are Associated with Type 2 Immunity. *Immunity*, 49(3), 531.