

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

B10.129-*Tcrd*^{tm1Mom}/Mmnc

RRID:MMRRC_000334-UNC

Type: Organism

Proper Citation

RRID:MMRRC_000334-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=334

Proper Citation: RRID:MMRRC_000334-UNC

Description: Mus musculus with name B10.129-*Tcrd*^{tm1Mom}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Immunology and Inflammation; Mutation Type: Targeted Mutation ; Collection:

Phenotype: enlarged liver [MP:0000599]| enlarged spleen [MP:0000691]| spleen hypoplasia [MP:0000694]| absent CD8-positive [MP:0000727]| alpha-beta T cells [MP:0001191]| abnormal skin condition [MP:0001194]| dermatitis [MP:0001805]| decreased IgG level [MP:0001807]| decreased IgA level [MP:0001823]| thymus hypoplasia [MP:0001825]| arrested T cell differentiation [MP:0002023]| increased B cell derived lymphoma incidence [MP:0002024]| increased T cell derived lymphoma incidence [MP:0002083]| premature death [MP:0002132]| abnormal respiratory system morphology [MP:0002133]| abnormal respiratory system physiology [MP:0002407]| abnormal double-negative T cell morphology [MP:0002492]| decreased IgE level [MP:0002494]| increased IgM level [MP:0002495]| increased IgA level [MP:0002796]| impaired skin barrier function [MP:0002816]| colitis [MP:0003306]| small intestinal inflammation [MP:0003725]| increased autoantibody level [MP:0003726]| decreased autoantibody level [MP:0003790]| absent CD4-positive [MP:0004762]| alpha beta T cells [MP:0004796]| increased anti-double stranded DNA antibody level [MP:0004829]| increased anti-histone antibody level [MP:0005014]| increased anti-chromatin antibody level [MP:0005015]| increased B cell number [MP:0005016]| increased T cell number [MP:0005018]| decreased lymphocyte cell number [MP:0005025]| decreased T cell number [MP:0005092]| abnormal response to infection [MP:0005617]| decreased double-positive T cell number [MP:0006042]| increased susceptibility to type IV hypersensitivity reaction [MP:0008098]| increased apoptosis [MP:0008173]| decreased plasma cell number [MP:0008181]| increased follicular B cell number [MP:0008188]| increased marginal zone B cell number

[MP:0008210] abnormal transitional stage B cell morphology [MP:0008214] increased mature B cell number [MP:0008348] increased immature B cell number [MP:0008356] absent gamma-delta T cells [MP:0008495] abnormal gamma-delta T cell differentiation [MP:0008757] decreased IgG1 level [MP:0009925] abnormal T cell receptor gamma chain V-J recombination [MP:0010229] increased transitional stage T2 B cell number [MP:0010286] increased transitional stage T3 B cell number [MP:0011320] increased plasmacytoma incidence [MP:0011427] abnormal glomerular capillary morphology [MP:0020519]

Affected Gene: Tcrd

Catalog Number: 000334-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:8361537](https://pubmed.ncbi.nlm.nih.gov/8361537/)

Alternate IDs: MMRRC_334-UNC, MMRRC_000334, MMRRC_334

Organism Name: B10.129-*Tcrd*^{tm1Mom}/Mmnc

Record Creation Time: 20230308T054751+0000

Record Last Update: 20260801T123205+0000

Ratings and Alerts

No rating or validation information has been found for B10.129-*Tcrd*^{tm1Mom}/Mmnc.

No alerts have been found for B10.129-*Tcrd*^{tm1Mom}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.