

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 11, 2026

B6;129P-Tcrb^{tm1Mom} Tcrd/J

RRID:IMSR_JAX:002121

Type: Organism

Proper Citation

RRID:IMSR_JAX:002121

Organism Information

URL: <https://www.jax.org/strain/002121>

Proper Citation: RRID:IMSR_JAX:002121

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

Species: Mus musculus

Notes: gene symbol note: T cell receptor delta chain|T cell receptor beta chain; mutant stock: Tcrd|Tcrb

Affected Gene: T cell receptor delta chain|T cell receptor beta chain

Genomic Alteration: targeted mutation 1; Peter Mombaerts

Catalog Number: JAX:002121

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129P-Tcrb^{tm1Mom} Tcrd/J

Record Creation Time: 20250513T053629+0000

Record Last Update: 20260808T050831+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li S, et al. (2026) B cell TET2 recruits OGT for nuclear TET2 and H2B O-GlcNAcylation to drive AID and BLIMP-1 expression and maturation of the antibody response. Cell reports, 45(6), 117370.

Chi X, et al. (2021) ROR γ is critical for mTORC1 activity in T cell-mediated colitis. Cell reports, 36(11), 109682.

Hong JP, et al. (2020) An Agonistic Anti-CD137 Antibody Disrupts Lymphoid Follicle Structure and T-Cell-Dependent Antibody Responses. Cell reports. Medicine, 1(3).

Wilmore JR, et al. (2018) Commensal Microbes Induce Serum IgA Responses that Protect against Polymicrobial Sepsis. Cell host & microbe, 23(3), 302.