

Resource Summary Report

Generated by T1D on Sep 23, 2026

B6.129S-Tcrd^{tm1.1}(cre/ERT2)Zhu/J

RRID:IMSR_JAX:031679

Type: Organism

Proper Citation

RRID:IMSR_JAX:031679

Organism Information

URL: <https://www.jax.org/strain/031679>

Proper Citation: RRID:IMSR_JAX:031679

Description: Mus musculus with name B6.129S-Tcrd^{tm1.1}(cre/ERT2)Zhu/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Cre recombinase and estrogen receptor 1 (human) fusion gene|T cell receptor delta chain; unclassified: cre/ERT2|Tcrd

Affected Gene: Cre recombinase and estrogen receptor 1 (human) fusion gene|T cell receptor delta chain

Genomic Alteration: targeted mutation 1.1; Yuan Zhuang

Catalog Number: JAX:031679

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S-Tcrd^{tm1.1}(cre/ERT2)Zhu/J

Record Creation Time: 20250513T053824+0000

Record Last Update: 20260919T055008+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S-Tcrd^{tm1.1}(cre/ERT2)Zhu/J.

No alerts have been found for B6.129S-Tcrd^{tm1.1(cre/ERT2)}Zhu/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Tabillas C, et al. (2026) Single-cell gene expression and TCR profiling reveal age-related differences in recent thymic emigrants. *iScience*, 29(5), 115582.

Xie S, et al. (2026) Effector differentiation by stem-like intraepithelial ?? T cells is required for host defense against infection. *Immunity*, 59(3), 577.

Wang Y, et al. (2023) ?? T cell-intrinsic IL-1R promotes survival during *Staphylococcus aureus* bacteremia. *Frontiers in immunology*, 14, 1171934.

Frascoli M, et al. (2023) Skin ?? T cell inflammatory responses are hardwired in the thymus by oxysterol sensing via GPR183 and calibrated by dietary cholesterol. *Immunity*, 56(3), 562.

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

Sonar SA, et al. (2022) Early age-related atrophy of cutaneous lymph nodes precipitates an early functional decline in skin immunity in mice with aging. *Proceedings of the National Academy of Sciences of the United States of America*, 119(17), e2121028119.

Lu P, et al. (2021) Maternal aryl hydrocarbon receptor activation protects newborns against necrotizing enterocolitis. *Nature communications*, 12(1), 1042.

Tan L, et al. (2019) Single-Cell Transcriptomics Identifies the Adaptation of Scart1+ V?6+ T Cells to Skin Residency as Activated Effector Cells. *Cell reports*, 27(12), 3657.