

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

C57BL/6-Tg(P25TCR)1Ktk

RRID:IMSR_RBRC02166

Type: Organism

Proper Citation

RRID:IMSR_RBRC02166

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02166>

Proper Citation: RRID:IMSR_RBRC02166

Description: Mus musculus with name C57BL/6-Tg(P25TCR)1Ktk from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(H2-K-Tcra.-Tcrb)P25Ktk/KtkRbrc

Notes: gene symbol note: T cell receptor alpha chain|transgene insertion 1; Kiyoshi Takatsu|T cell receptor beta chain|histocompatibility 2; K region; b variant; coisogenic strain|mutant strain: Tcra|Tg(P25TCR)1Ktk|Tcrb|H-2K

Affected Gene: T cell receptor alpha chain|transgene insertion 1; Kiyoshi Takatsu|T cell receptor beta chain|histocompatibility 2; K region; b variant

Genomic Alteration: T-cell receptor alpha chain|transgene insertion 1; Kiyoshi Takatsu|T-cell receptor beta chain|histocompatibility 2; K region; b variant

Catalog Number: RBRC02166

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Tg(P25TCR)1Ktk

Record Creation Time: 20250513T061442+0000

Record Last Update: 20260905T052413+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(P25TCR)1Ktk.

No alerts have been found for C57BL/6-Tg(P25TCR)1Ktk.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ankley LM, et al. (2024) GSK3 β Restrains IFN- γ -Inducible Costimulatory Molecule Expression in Alveolar Macrophages, Limiting CD4 $^{+}$ T Cell Activation. ImmunoHorizons, 8(2), 147.

Ankley LM, et al. (2023) GSK3 β restrains IFN γ -inducible costimulatory molecule expression in alveolar macrophages, limiting CD4 $^{+}$ T cell activation. bioRxiv : the preprint server for biology.