

Resource Summary Report

Generated by T1D on Sep 6, 2026

B6.129P2-Tlr2/Tlr4/Tlr9^{tm1Aki}/Obs

RRID:IMSR_OBS:21

Type: Organism

Proper Citation

RRID:IMSR_OBS:21

Organism Information

URL: https://orientalbioservice.com/index.files/tlr_eng.htm

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Description: Mus musculus with name B6.129P2-Tlr2/Tlr4/Tlr9^{tm1Aki}/Obs from IMSR.

Species: Mus musculus

Synonyms: TLR2/4/9 Triple KO C57BL/6. B6.129P2-Tlr2 Tlr4 Tlr9/Obs

Notes: gene symbol note: toll-like receptor 9|toll-like receptor 2|toll-like receptor 4; mutant strain|congenic strain: Tlr9|Tlr2|Tlr4

Affected Gene: toll-like receptor 9|toll-like receptor 2|toll-like receptor 4

Genomic Alteration: targeted mutation 1; Shizuo Akira

Catalog Number: OBS:21

Database: Oriental BioService, Inc.

Database Abbreviation: OBS

Availability: embryo

Organism Name: B6.129P2-Tlr2/Tlr4/Tlr9^{tm1Aki}/Obs

Record Creation Time: 20250513T062204+0000

Record Last Update: 20260905T053237+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Tlr2/Tlr4/Tlr9^{tm1Aki}/Obs.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human type 1 diabetes mellitus.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Oriental BioService, Inc.

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Chen B, et al. (2018) Commensal Bacteria-Dependent CD8⁺ T Cells in the Intestinal Epithelium Produce Antimicrobial Peptides. *Frontiers in immunology*, 9, 1065.

Tchaptchet S, et al. (2012) TLR9-dependent and independent pathways drive activation of the immune system by *Propionibacterium acnes*. *PloS one*, 7(6), e39155.