

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

B6.129-Tlr2^{tm1Aki}/Obs

RRID:IMSR_OBS:3

Type: Organism

Proper Citation

RRID:IMSR_OBS:3

Organism Information

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

Proper Citation: RRID:IMSR_OBS:3

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

Species: Mus musculus

Synonyms: TLR2 KO. B6.129P2-Tlr2/Obs

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

Affected Gene: toll-like receptor 2

Genomic Alteration: targeted mutation 1; Shizuo Akira

Catalog Number: OBS:3

Database: Oriental BioService, Inc.

Database Abbreviation: OBS

Availability: embryo

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

Record Creation Time: 20250513T062204+0000

Record Last Update: 20260808T055657+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Tlr2^{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 [NIF](#) .

Yamamoto M, et al. (2019) Microglia-Triggered Plasticity of Intrinsic Excitability Modulates Psychomotor Behaviors in Acute Cerebellar Inflammation. Cell reports, 28(11), 2923.

Nie X, et al. (2018) The Innate Immune Receptors TLR2/4 Mediate Repeated Social Defeat Stress-Induced Social Avoidance through Prefrontal Microglial Activation. Neuron, 99(3), 464.