

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

Tlr4^{tm1Aki}/Tlr4^{tm1Aki}

RRID:MGI:3706992

Type: Organism

Proper Citation

RRID:MGI:3706992

Organism Information

URL:

Proper Citation: RRID:MGI:3706992

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: decreased incidence of tumors by chemical induction, dilated renal tubules, renal tubular necrosis, abnormal nephron morphology, abnormal renal tubule morphology, abnormal renal tubule epithelium morphology, abnormal respiratory system physiology, abnormal pulmonary elastic fiber morphology, abnormal pulmonary alveolus morphology, abnormal airway responsiveness, increased lung compliance, decreased sensitivity to induced morbidity/mortality, abnormal pulmonary alveolar duct morphology, abnormal respiratory system morphology, digestive/alimentary phenotype, respiratory system phenotype, enlarged lung, abnormal proximal convoluted tubule brush border morphology, decreased susceptibility to kidney reperfusion injury, renal cast

Affected Gene: Tlr4

Genomic Alteration: tm1Aki

Catalog Number: 3706992

Background: B6.129P2-Tlr4

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17353199](#), [PMID:18974879](#), [PMID:17626835](#), [PMID:18054559](#), [PMID:17053835](#)

Organism Name: Tlr4^{tm1Aki}/Tlr4^{tm1Aki}

Record Creation Time: 20240120T190525+0000

Record Last Update: 20240130T201944+0000

Ratings and Alerts

No rating or validation information has been found for Tlr4^{tm1Aki}/Tlr4^{tm1Aki}.

No alerts have been found for Tlr4^{tm1Aki}/Tlr4^{tm1Aki}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.