

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Trib1^{tm1Aki}/Trib1^{tm1Aki}](#)

RRID:MGI:5000312

Type: Organism

Proper Citation

RRID:MGI:5000312

Organism Information

URL:

Proper Citation: RRID:MGI:5000312

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

Species: Mus musculus

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

Phenotype: insulin resistance, increased liver iron level, impaired glucose tolerance, decreased white fat cell size, decreased spleen iron level, decreased eosinophil cell number, abnormal spleen red pulp morphology, abnormal epididymal fat pad morphology, abnormal common myeloid progenitor cell morphology, lipodystrophy, increased neutrophil cell number, postnatal growth retardation, decreased interleukin-12 secretion, decreased body weight, decreased macrophage cell number

Affected Gene: Trib1

Genomic Alteration: tm1Aki

Catalog Number: 5000312

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23515163](#), [PMID:17724128](#)

Organism Name: Trib1^{tm1Aki}/Trib1^{tm1Aki}

Record Creation Time: 20240120T190223+0000

Record Last Update: 20240130T201803+0000

Ratings and Alerts

No rating or validation information has been found for Trib1^{tm1Aki}/Trib1^{tm1Aki}.

No alerts have been found for Trib1^{tm1Aki}/Trib1^{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.