

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[Alox5^{tm1Bhk}/Alox5^{tm1Bhk}](#)

RRID:MGI:3589443

Type: Organism

Proper Citation

RRID:MGI:3589443

Organism Information

URL:

Proper Citation: RRID:MGI:3589443

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

Species: Mus musculus

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

Phenotype: abnormal thromboxane level, increased prostaglandin level, decreased leukotriene level, impaired neutrophil recruitment, impaired neutrophil chemotaxis, hematopoietic system phenotype, decreased susceptibility to type I hypersensitivity reaction, abnormal neutrophil physiology, decreased acute inflammation, abnormal inflammatory response

Affected Gene: Alox5

Genomic Alteration: tm1Bhk

Catalog Number: 3589443

Background: either: (involves: 129P2/OlaHsd * C57BL/6) or (involves: 129P2/OlaHsd * C57BL/6 * DBA/2)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:7809134](#)

Organism Name: Alox5^{tm1Bhk}/Alox5^{tm1Bhk}

Record Creation Time: 20240120T190621+0000

Record Last Update: 20240130T202017+0000

Ratings and Alerts

No rating or validation information has been found for Alox5^{tm1Bhk}/Alox5^{tm1Bhk}.

No alerts have been found for Alox5^{tm1Bhk}/Alox5^{tm1Bhk}.

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.