

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 6, 2026

[Arhgef1^{tm1a\(EUCOMM\)Wtsi}/Arhgef1^{tm1a\(EUCOMM\)Wtsi}](#)

RRID:MGI:5767567

Type: Organism

Proper Citation

RRID:MGI:5767567

Organism Information

URL:

Proper Citation: RRID:MGI:5767567

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

Species: Mus musculus

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

Phenotype: increased plasmacytoid dendritic cell number, increased effector memory CD4-positive, alpha-beta T cell number, increased CD4-positive, alpha beta T cell number, decreased Ly6C-positive immature NK cell number, increased Ly6C-positive NK T cell number, increased gamma-delta T cell number, increased Ly6C low monocyte number, preweaning lethality, incomplete penetrance, decreased dendritic cell number, decreased memory-marker CD4-positive NK T cell number, increased effector memory CD8-positive, alpha-beta T cell number, decreased marginal zone B cell number, increased monocyte cell number, increased KLRG1-positive CD4-positive, CD25-positive, alpha-beta regulatory T cell number, increased KLRG1-positive NK cell number, decreased immature NK cell number, increased mature NK cell number, decreased CD8-positive, alpha-beta T cell number, decreased memory-marker gamma-delta T cell number

Affected Gene: Arhgef1

Genomic Alteration: tm1a(EUCOMM)Wtsi

Catalog Number: 5767567

Background: C57BL/6N-Arhgef1/Wtsi

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: Arhgef1^{tm1a(EUCOMM)Wtsi}/Arhgef1^{tm1a(EUCOMM)Wtsi}

Record Creation Time: 20240120T185907+0000

Record Last Update: 20240130T201604+0000

Ratings and Alerts

No rating or validation information has been found for Arhgef1^{tm1a(EUCOMM)Wtsi}/Arhgef1^{tm1a(EUCOMM)Wtsi}.

No alerts have been found for Arhgef1^{tm1a(EUCOMM)Wtsi}/Arhgef1^{tm1a(EUCOMM)Wtsi}.

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.