

# Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

## [Arhgef1<sup>tm1a\(EUCOMM\)Wtsi</sup>](#)/[Arhgef1<sup>tm1a\(EUCOMM\)Wtsi</sup>](#)

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<sup>tm1a(EUCOMM)Wtsi</sup>/Arhgef1<sup>tm1a(EUCOMM)Wtsi</sup>

**Record Creation Time:** 20240120T185907+0000

**Record Last Update:** 20240130T201604+0000

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## Ratings and Alerts

No rating or validation information has been found for Arhgef1<sup>tm1a(EUCOMM)Wtsi</sup>/Arhgef1<sup>tm1a(EUCOMM)Wtsi</sup>.

No alerts have been found for Arhgef1<sup>tm1a(EUCOMM)Wtsi</sup>/Arhgef1<sup>tm1a(EUCOMM)Wtsi</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.