

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Arhgef12^{tm1Soff}/Arhgef12^{tm1Soff}](#)

RRID:MGI:3819344

Type: Organism

Proper Citation

RRID:MGI:3819344

Organism Information

URL:

Proper Citation: RRID:MGI:3819344

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

Species: Mus musculus

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

Phenotype: decreased systemic arterial blood pressure, decreased vasoconstriction, cardiovascular system phenotype

Affected Gene: Arhgef12

Genomic Alteration: tm1Soff

Catalog Number: 3819344

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18084302](#)

Organism Name: Arhgef12^{tm1Soff}/Arhgef12^{tm1Soff}

Record Creation Time: 20240120T190405+0000

Record Last Update: 20240130T201859+0000

Ratings and Alerts

No rating or validation information has been found for Arhgef12^{tm1Soff}/Arhgef12^{tm1Soff}.

No alerts have been found for Arhgef12^{tm1Soff}/Arhgef12^{tm1Soff}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Chennupati R, et al. (2019) Myogenic vasoconstriction requires G12/G13 and LARG to maintain local and systemic vascular resistance. eLife, 8.