

Resource Summary Report

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

[Arhgef9^{tm1.1}Betz](#)

RRID:MGI:3757668

Type: Organism

Proper Citation

RRID:MGI:3757668

Organism Information

URL:

Proper Citation: RRID:MGI:3757668

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

Species: Mus musculus

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

Phenotype: enhanced long term potentiation, abnormal neuron morphology, abnormal synaptic plasticity, abnormal spatial learning, increased anxiety-related response, abnormal excitatory postsynaptic potential, reduced long term depression, decreased exploration in new environment, abnormal inhibitory postsynaptic currents, increased thigmotaxis

Affected Gene: Arhgef9

Genomic Alteration: tm1.1Betz

Catalog Number: 3757668

Background: B6.129P2-Arhgef9

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17690689](#)

Organism Name: Arhgef9^{tm1.1}Betz

Record Creation Time: 20240120T190500+0000

Record Last Update: 20240130T201931+0000

Ratings and Alerts

No rating or validation information has been found for Arhgef9^{tm1.1Betz}.

No alerts have been found for Arhgef9^{tm1.1Betz}.

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.