

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Arc^{tm1Stl}/Arc^{tm1Stl}](#)

RRID:MGI:3694763

Type: Organism

Proper Citation

RRID:MGI:3694763

Organism Information

URL:

Proper Citation: RRID:MGI:3694763

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

Species: Mus musculus

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

Phenotype: abnormal nervous system physiology, abnormal nervous system electrophysiology

Affected Gene: Arc

Genomic Alteration: tm1Stl

Catalog Number: 3694763

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16873068](#)

Organism Name: Arc^{tm1Stl}/Arc^{tm1Stl}

Record Creation Time: 20240120T190536+0000

Record Last Update: 20240130T201951+0000

Ratings and Alerts

No rating or validation information has been found for Arc^{tm1Stl}/Arc^{tm1Stl}.

No alerts have been found for Arc^{tm1Stl}/Arc^{tm1Stl}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Penrod RD, et al. (2019) Activity-regulated cytoskeleton-associated protein (Arc/Arg3.1) regulates anxiety- and novelty-related behaviors. Genes, brain, and behavior, 18(7), e12561.

Chang CW, et al. (2017) Distinct stages of synapse elimination are induced by burst firing of CA1 neurons and differentially require MEF2A/D. eLife, 6.