

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

[Tsc2^{tm1.1Mjg}/Tsc2^{tm1.1Mjg}](#)

RRID:MGI:3712786

Type: Organism

Proper Citation

RRID:MGI:3712786

Organism Information

URL:

Proper Citation: RRID:MGI:3712786

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

Species: Mus musculus

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

Phenotype: no abnormal phenotype detected

Affected Gene: Tsc2

Genomic Alteration: tm1.1Mjg

Catalog Number: 3712786

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17245776](#)

Organism Name: Tsc2^{tm1.1Mjg}/Tsc2^{tm1.1Mjg}

Record Creation Time: 20240120T190520+0000

Record Last Update: 20240130T201941+0000

Ratings and Alerts

No rating or validation information has been found for Tsc2^{tm1.1Mjg}/Tsc2^{tm1.1Mjg}.

No alerts have been found for Tsc2^{tm1.1Mjg}/Tsc2^{tm1.1Mjg}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Pita-Thomas W, et al. (2019) HDAC5 promotes optic nerve regeneration by activating the mTOR pathway. Experimental neurology, 317, 271.

Carlin D, et al. (2019) Nociceptor Deletion of Tsc2 Enhances Axon Regeneration by Inducing a Conditioning Injury Response in Dorsal Root Ganglia. eNeuro, 6(3).

Carlin D, et al. (2018) Deletion of Tsc2 in Nociceptors Reduces Target Innervation, Ion Channel Expression, and Sensitivity to Heat. eNeuro, 5(2).