

# Resource Summary Report

Generated by [kravitz2](#) on Aug 10, 2026

## [Tsc2<sup>tm1.1Mjg</sup>/Tsc2<sup>tm1.1Mjg</sup>](#)

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<sup>tm1.1Mjg</sup>/Tsc2<sup>tm1.1Mjg</sup>

**Record Creation Time:** 20240120T190520+0000

**Record Last Update:** 20240130T201941+0000

### Ratings and Alerts

No rating or validation information has been found for Tsc2<sup>tm1.1Mjg</sup>/Tsc2<sup>tm1.1Mjg</sup>.

No alerts have been found for Tsc2<sup>tm1.1Mjg</sup>/Tsc2<sup>tm1.1Mjg</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 found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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).