

# Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[Itpr2<sup>tm1.1Chen</sup>/Itpr2<sup>tm1.1Chen</sup>](#)

RRID:MGI:3641042

Type: Organism

## Proper Citation

RRID:MGI:3641042

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3641042

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

**Species:** Mus musculus

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

**Phenotype:** cardiovascular system phenotype

**Affected Gene:** Itpr2

**Genomic Alteration:** tm1.1Chen

**Catalog Number:** 3641042

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* Black Swiss

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:15933266](#)

**Organism Name:** Itpr2<sup>tm1.1Chen</sup>/Itpr2<sup>tm1.1Chen</sup>

**Record Creation Time:** 20240120T190551+0000

**Record Last Update:** 20240130T201959+0000

## Ratings and Alerts

No rating or validation information has been found for Itpr2<sup>tm1.1Chen</sup>/Itpr2<sup>tm1.1Chen</sup>.

No alerts have been found for Itpr2<sup>tm1.1Chen</sup>/Itpr2<sup>tm1.1Chen</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 [NIF](#) .

Nagai J, et al. (2021) Specific and behaviorally consequential astrocyte Gq GPCR signaling attenuation in vivo with i?ARK. Neuron, 109(14), 2256.

Yu X, et al. (2020) Context-Specific Striatal Astrocyte Molecular Responses Are Phenotypically Exploitable. Neuron, 108(6), 1146.

Yu X, et al. (2018) Reducing Astrocyte Calcium Signaling In Vivo Alters Striatal Microcircuits and Causes Repetitive Behavior. Neuron, 99(6), 1170.