

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Trpc6^{tm1Lbi}/Trpc6^{tm1Lbi}](#)

RRID:MGI:3623137

Type: Organism

Proper Citation

RRID:MGI:3623137

Organism Information

URL:

Proper Citation: RRID:MGI:3623137

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

Species: Mus musculus

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

Phenotype: abnormal vascular smooth muscle physiology, abnormal vasoconstriction, increased systemic arterial blood pressure, increased vasoconstriction

Affected Gene: Trpc6

Genomic Alteration: tm1Lbi

Catalog Number: 3623137

Background: involves: 129S/SvEv * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16055711](#)

Organism Name: Trpc6^{tm1Lbi}/Trpc6^{tm1Lbi}

Record Creation Time: 20240120T190559+0000

Record Last Update: 20240130T202005+0000

Ratings and Alerts

No rating or validation information has been found for *Trpc6^{tm1Lbi}/Trpc6^{tm1Lbi}*.

No alerts have been found for *Trpc6^{tm1Lbi}/Trpc6^{tm1Lbi}*.

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 [NIF](#) .

Contreras E, et al. (2023) Melanopsin activates divergent phototransduction pathways in intrinsically photosensitive retinal ganglion cell subtypes. *eLife*, 12.

Sonoda T, et al. (2018) Melanopsin Phototransduction Is Repurposed by ipRGC Subtypes to Shape the Function of Distinct Visual Circuits. *Neuron*, 99(4), 754.