

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

B6J;129S8-*Trpc6*^{tm1Lbi}/Mmjax

RRID:MMRRC_037345-JAX

Type: Organism

Proper Citation

RRID:MMRRC_037345-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=37345

Proper Citation: RRID:MMRRC_037345-JAX

Description: Mus musculus with name B6J;129S8-*Trpc6*^{tm1Lbi}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Cardiovascular, Cell Biology, Developmental Biology, Endocrine Deficiency, Immunology and Inflammation, Metabolism, Neurobiology, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal vasoconstriction [MP:0000250]| increased systemic arterial blood pressure [MP:0002842]| increased vasoconstriction [MP:0003025]| abnormal eye physiology [MP:0005253]| abnormal vascular smooth muscle physiology [MP:0005595]

Affected Gene: *Trpc6*

Catalog Number: 037345-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:16055711](#)

Alternate IDs: MMRRC_37345-JAX, MMRRC_037345, MMRRC_37345

Organism Name: B6J;129S8-*Trpc6*^{tm1Lbi}/Mmjax

Record Creation Time: 20230308T055150+0000

Record Last Update: 20260815T124845+0000

Ratings and Alerts

No rating or validation information has been found for B6J;129S8-*Trpc6*^{tm1Lbi}/Mmjax.

No alerts have been found for B6J;129S8-*Trpc6*^{tm1Lbi}/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

El Hamdaoui Y, et al. (2022) Analysis of hyperforin (St. John's wort) action at TRPC6 channel leads to the development of a new class of antidepressant drugs. Molecular psychiatry, 27(12), 5070.