

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

B6;129P2-Trpc2^{tm2Mom}/MomJ

RRID:IMSR_JAX:006733

Type: Organism

Proper Citation

RRID:IMSR_JAX:006733

Organism Information

URL: <https://www.jax.org/strain/006733>

Proper Citation: RRID:IMSR_JAX:006733

Description: Mus musculus with name B6;129P2-Trpc2^{tm2Mom}/MomJ from IMSR.

Species: Mus musculus

Synonyms: Trpc2-IRES-taumCherry

Notes: gene symbol note: transient receptor potential cation channel; subfamily C; member 2|; mutant stock: Trpc2|

Affected Gene: transient receptor potential cation channel; subfamily C; member 2|

Genomic Alteration: targeted mutation 2; Peter Mombaerts

Catalog Number: JAX:006733

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129P2-Trpc2^{tm2Mom}/MomJ

Record Creation Time: 20250513T053659+0000

Record Last Update: 20260905T044442+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Trpc2^{tm2Mom}/MomJ.

No alerts have been found for B6;129P2-Trpc2^{tm2Mom}/MomJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Weiss J, et al. (2023) Sensing and avoiding sick conspecifics requires G α i2+ vomeronasal neurons. BMC biology, 21(1), 152.

Leinders-Zufall T, et al. (2021) A diacylglycerol photoswitching protocol for studying TRPC channel functions in mammalian cells and tissue slices. STAR protocols, 2(2), 100527.

Koike K, et al. (2021) Danger perception and stress response through an olfactory sensor for the bacterial metabolite hydrogen sulfide. Neuron, 109(15), 2469.

Leinders-Zufall T, et al. (2018) PhoDAGs Enable Optical Control of Diacylglycerol-Sensitive Transient Receptor Potential Channels. Cell chemical biology, 25(2), 215.