Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 15, 2025

B6N.Cg-Tg(Trpm8-EGFP)1Dmck/J

RRID:IMSR_JAX:020650
Type: Organism

Proper Citation

RRID:IMSR_JAX:020650

Organism Information

URL: https://www.jax.org/strain/020650

Proper Citation: RRID:IMSR_JAX:020650

Description: Mus musculus with name B6N.Cg-Tg(Trpm8-EGFP)1Dmck/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transient receptor potential cation channel; subfamily M; member 8|transgene insertion 1; David McKemy; mutant strain|congenic strain: |Trpm8|Tg(Trpm8-EGFP)1Dmck

Affected Gene: |transient receptor potential cation channel; subfamily M; member 8|transgene insertion 1; David McKemy

Genomic Alteration: transgene insertion 1; David McKemy

Catalog Number: JAX:020650

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.Cg-Tg(Trpm8-EGFP)1Dmck/J

Record Creation Time: 20250513T053741+0000

Record Last Update: 20250513T053959+0000

Ratings and Alerts

No rating or validation information has been found for B6N.Cg-Tg(Trpm8-EGFP)1Dmck/J.

No alerts have been found for B6N.Cg-Tg(Trpm8-EGFP)1Dmck/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Caudle RM, et al. (2022) Effects of Oxaliplatin on Facial Sensitivity to Cool Temperatures and TRPM8 Expressing Trigeminal Ganglion Neurons in Mice. Frontiers in pain research (Lausanne, Switzerland), 3, 868547.

Maurer M, et al. (2019) Photoactivation of olfactory sensory neurons does not affect action potential conduction in individual trigeminal sensory axons innervating the rodent nasal cavity. PloS one, 14(8), e0211175.

Liu L, et al. (2019) G?q Sensitizes TRPM8 to Inhibition by PI(4,5)P2 Depletion upon Receptor Activation. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(31), 6067.

Jankowski MP, et al. (2017) Cutaneous TRPM8-expressing sensory afferents are a small population of neurons with unique firing properties. Physiological reports, 5(7).

Caudle RM, et al. (2017) Sex differences in mouse Transient Receptor Potential Cation Channel, Subfamily M, Member 8 expressing trigeminal ganglion neurons. PloS one, 12(5), e0176753.