Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

STOCK Trpm7^{tm1Clph}/J

RRID:IMSR_JAX:018784
Type: Organism

Proper Citation

RRID:IMSR_JAX:018784

Organism Information

URL: https://www.jax.org/strain/018784

Proper Citation: RRID:IMSR_JAX:018784

Description: Mus musculus with name STOCK Trpm7^{tm1Clph}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transient receptor potential cation channel; subfamily M; member 7; mutant stock: Trpm7

Affected Gene: transient receptor potential cation channel; subfamily M; member 7

Genomic Alteration: targeted mutation 1; David E Clapham

Catalog Number: JAX:018784

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:18784

Organism Name: STOCK Trpm7^{tm1Clph}/J

Record Creation Time: 20230509T193314+0000

Record Last Update: 20250412T090616+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Trpm7^{tm1Clph}/J.

No alerts have been found for STOCK Trpm7^{tm1Clph}/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Jiang ZJ, et al. (2021) TRPM7 is critical for short-term synaptic depression by regulating synaptic vesicle endocytosis. eLife, 10.

Luo L, et al. (2020) Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. Neuron, 106(1), 37.

Chubanov V, et al. (2016) Epithelial magnesium transport by TRPM6 is essential for prenatal development and adult survival. eLife, 5.