Resource Summary Report

Generated by kravitz2 on Sep 18, 2026

STOCK Tg(tetO-CHRM3*)1Blr/J

RRID:IMSR_JAX:014093
Type: Organism

Proper Citation

RRID:IMSR_JAX:014093

Organism Information

URL: https://www.jax.org/strain/014093

Proper Citation: RRID:IMSR_JAX:014093

Description: Mus musculus with name STOCK Tg(tetO-CHRM3*)1Blr/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: tet operator|cholinergic receptor muscarinic 3|cytomegalovirus|transgene insertion 1; Bryan L Roth; mutant stock: tetO|CHRM3|CMV|Tg(tetO-CHRM3*)1Blr

Affected Gene: tet operator|cholinergic receptor muscarinic 3|cytomegalovirus|transgene insertion 1; Bryan L Roth

Genomic Alteration: transgene insertion 1; Bryan L Roth

Catalog Number: JAX:014093

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(tetO-CHRM3*)1Blr/J

Record Creation Time: 20250513T053726+0000

Record Last Update: 20260912T060512+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(tetO-CHRM3*)1Blr/J.

No alerts have been found for STOCK Tg(tetO-CHRM3*)1Blr/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Lykken CM, et al. (2026) Reproducible and predictable reorganization of place fields driven by grid subfield rate changes. bioRxiv : the preprint server for biology.

Zhu Z, et al. (2026) A neurovascular survival axis for adult sympathetic neurons. Neuron.

Bessi??res B, et al. (2020) Early life experiences selectively mature learning and memory abilities. Nature communications, 11(1), 628.

Pulido RS, et al. (2020) Neuronal Activity Regulates Blood-Brain Barrier Efflux Transport through Endothelial Circadian Genes. Neuron, 108(5), 937.

Pati S, et al. (2019) Chemogenetic Activation of Excitatory Neurons Alters Hippocampal Neurotransmission in a Dose-Dependent Manner. eNeuro, 6(6).

Blankvoort S, et al. (2018) Marked Diversity of Unique Cortical Enhancers Enables Neuron-Specific Tools by Enhancer-Driven Gene Expression. Current biology : CB, 28(13), 2103.

Kanter BR, et al. (2017) A Novel Mechanism for the Grid-to-Place Cell Transformation Revealed by Transgenic Depolarization of Medial Entorhinal Cortex Layer II. Neuron, 93(6), 1480.

McClain JL, et al. (2015) Agonist-evoked Ca2+ signaling in enteric glia drives neural programs that regulate intestinal motility in mice. Cellular and molecular gastroenterology and hepatology, 1(6), 631.