

Resource Summary Report

Generated by PRECISE-TBI on Aug 2, 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|cytomegalovirus|cholinergic receptor muscarinic 3|transgene insertion 1; Bryan L Roth; mutant stock: tetO|CMV|CHRM3|Tg(tetO-CHRM3*)1Blr

Affected Gene: tet operator|cytomegalovirus|cholinergic receptor muscarinic 3|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: 20260801T050441+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 6 mentions in open access literature.

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

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.