

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

## B6.Cg-Tg(tetO-CHRM4\*)2Blr/J

RRID:IMSR\_JAX:024114

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:024114

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### Organism Information

**URL:** <https://www.jax.org/strain/024114>

**Proper Citation:** RRID:IMSR\_JAX:024114

**Description:** Mus musculus with name B6.Cg-Tg(tetO-CHRM4\*)2Blr/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: transgene insertion 2; Bryan L Roth|tet operator|cholinergic receptor muscarinic 4; mutant strain|congenic strain: Tg(tetO-CHRM4\*)2Blr|tetO|CHRM4

**Affected Gene:** transgene insertion 2; Bryan L Roth|tet operator|cholinergic receptor muscarinic 4

**Genomic Alteration:** transgene insertion 2; Bryan L Roth

**Catalog Number:** JAX:024114

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.Cg-Tg(tetO-CHRM4\*)2Blr/J

**Record Creation Time:** 20250513T053750+0000

**Record Last Update:** 20260808T050952+0000

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### Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(tetO-CHRM4\*)2Blr/J.

No alerts have been found for B6.Cg-Tg(tetO-CHRM4\*)2Blr/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#).

Gregory JD, et al. (2025) Immature olfactory sensory neurons provide complementary input in the healthy olfactory system. bioRxiv : the preprint server for biology.

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

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.