Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 9, 2025

B6.Cg-Igs7$^{tm140.1(tetO-EGFP.CAG-tTA2)Hze}$/J

RRID:IMSR_JAX:030220
Type: Organism

Proper Citation

RRID:IMSR_JAX:030220

Organism Information

URL: https://www.jax.org/strain/030220

Proper Citation: RRID:IMSR_JAX:030220

Description: Mus musculus with name B6.Cg-Igs7$^{tm140.1(tetO-EGFP.CAG-tTA2)Hze}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |tetracycline-controlled transactivator|intergenic site 7|tet operator||tetracycline-controlled transactivator|intergenic site 7|tet operator; mutant strain: |tTA|Igs7|tetO||tTA|Igs7|tetO

Affected Gene: |tetracycline-controlled transactivator|intergenic site 7|tet operator||tetracycline-controlled transactivator|intergenic site 7|tet operator

Genomic Alteration: targeted mutation 140.1; Hongkui Zeng

Catalog Number: JAX:030220

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:30220

Organism Name: B6.Cg-Igs7$^{tm140.1(tetO-EGFP.CAG-tTA2)Hze}$/J

Record Creation Time: 20230509T193330+0000

Record Last Update: 20240104T175143+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Igs7$^{tm140.1(tetO-EGFP.CAG-tTA2)Hze}/J$.

No alerts have been found for B6.Cg-Igs7$^{tm140.1(tetO-EGFP.CAG-tTA2)Hze}/J$.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Kahan A, et al. (2023) Immediate responses to ambient light in vivo reveal distinct subpopulations of suprachiasmatic VIP neurons. iScience, 26(10), 107865.

Xie X, et al. (2023) Activity-dependent labeling and manipulation of fentanyl-recruited striatal ensembles using ArcTRAP approach. STAR protocols, 4(3), 102369.

Frank MM, et al. (2023) Experience-dependent flexibility in a molecularly diverse central-to-peripheral auditory feedback system. eLife, 12.

Geng J, et al. (2022) Chronic Ca2+ imaging of cortical neurons with long-term expression of GCaMP-X. eLife, 11.

Yao Z, et al. (2021) A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. Cell, 184(12), 3222.

Kahan A, et al. (2021) Light-guided sectioning for precise in situ localization and tissue interface analysis for brain-implanted optical fibers and GRIN lenses. Cell reports, 36(13), 109744.

Kerstein PC, et al. (2020) Gbx2 Identifies Two Amacrine Cell Subtypes with Distinct Molecular, Morphological, and Physiological Properties. Cell reports, 33(7), 108382.

Daigle TL, et al. (2018) A Suite of Transgenic Driver and Reporter Mouse Lines with Enhanced Brain-Cell-Type Targeting and Functionality. Cell, 174(2), 465.