

Resource Summary Report

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

B6.Cg-Igs7^{tm94.1(tetO-GCaMP6s)Hze/J}

RRID:IMSR_JAX:024104

Type: Organism

Proper Citation

RRID:IMSR_JAX:024104

Organism Information

URL: <https://www.jax.org/strain/024104>

Proper Citation: RRID:IMSR_JAX:024104

Description: Mus musculus with name B6.Cg-Igs7^{tm94.1(tetO-GCaMP6s)Hze/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: intergenic site 7|Genetically encoded calcium indicator|tet operator; mutant strain|congenic strain: Igs7|GCaMP|tetO

Affected Gene: intergenic site 7|Genetically encoded calcium indicator|tet operator

Genomic Alteration: targeted mutation 94.1; Hongkui Zeng

Catalog Number: JAX:024104

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Igs7^{tm94.1(tetO-GCaMP6s)Hze/J}

Record Creation Time: 20250513T053750+0000

Record Last Update: 20260808T050952+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Igs7^{tm94.1(tetO-GCaMP6s)Hze/J}.

No alerts have been found for B6.Cg-Igs7^{tm94.1(tetO-GCaMP6s)}Hze/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 [nidm-terms](#).

M??lner FE, et al. (2024) Individual thalamic inhibitory interneurons are functionally specialized toward distinct visual features. *Neuron*, 112(16), 2765.

Munz M, et al. (2023) Pyramidal neurons form active, transient, multilayered circuits perturbed by autism-associated mutations at the inception of neocortex. *Cell*, 186(9), 1930.

Huang L, et al. (2021) Relationship between simultaneously recorded spiking activity and fluorescence signal in GCaMP6 transgenic mice. *eLife*, 10.

Waters J, et al. (2019) Biological variation in the sizes, shapes and locations of visual cortical areas in the mouse. *PloS one*, 14(5), e0213924.

Cheetham CEJ, et al. (2018) Multiphoton Intravital Calcium Imaging. *Current protocols in cytometry*, 85(1), e40.

Steinmetz NA, et al. (2017) Aberrant Cortical Activity in Multiple GCaMP6-Expressing Transgenic Mouse Lines. *eNeuro*, 4(5).