

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

STOCK Igs7^{tm93.1(tetO-GCaMP6f)Hze} Tg(Camk2a-tTA)1Mmay/J

RRID:IMSR_JAX:024108

Type: Organism

Proper Citation

RRID:IMSR_JAX:024108

Organism Information

URL: <https://www.jax.org/strain/024108>

Proper Citation: RRID:IMSR_JAX:024108

Description: Mus musculus with name STOCK Igs7^{tm93.1(tetO-GCaMP6f)Hze} Tg(Camk2a-tTA)1Mmay/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Genetically encoded calcium indicator|intergenic site 7|transgene insertion 1; Mark Mayford|tet operator|tetracycline-controlled transactivator|calcium/calmodulin-dependent protein kinase II alpha; mutant stock: GCaMP|Igs7|Tg(Camk2a-tTA)1Mmay|tetO|tTA|Camk2a

Affected Gene: Genetically encoded calcium indicator|intergenic site 7|transgene insertion 1; Mark Mayford|tet operator|tetracycline-controlled transactivator|calcium/calmodulin-dependent protein kinase II alpha

Genomic Alteration: targeted mutation 93; Hongkui Zeng|transgene insertion 1; Mark Mayford

Catalog Number: JAX:024108

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Igs7^{tm93.1(tetO-GCaMP6f)Hze} Tg(Camk2a-tTA)1Mmay/J

Record Creation Time: 20250513T053750+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Igs7^{tm93.1}(tetO-GCaMP6f)^{Hze} Tg(Camk2a-tTA)1Mmay/J.

No alerts have been found for STOCK Igs7^{tm93.1}(tetO-GCaMP6f)^{Hze} Tg(Camk2a-tTA)1Mmay/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 [kravitz2](#) .

Montgomery DP, et al. (2025) Responses to conflicting binocular stimuli in mouse primary visual cortex. bioRxiv : the preprint server for biology.

Gallero-Salas Y, et al. (2021) Sensory and Behavioral Components of Neocortical Signal Flow in Discrimination Tasks with Short-Term Memory. Neuron, 109(1), 135.

Garrett M, et al. (2020) Experience shapes activity dynamics and stimulus coding of VIP inhibitory cells. eLife, 9.

Millman DJ, et al. (2020) VIP interneurons in mouse primary visual cortex selectively enhance responses to weak but specific stimuli. eLife, 9.

Kim T, et al. (2019) Opposing Somatic and Dendritic Expression of Stimulus-Selective Response Plasticity in Mouse Primary Visual Cortex. Frontiers in cellular neuroscience, 13, 555.

Gilad A, et al. (2018) Behavioral Strategy Determines Frontal or Posterior Location of Short-Term Memory in Neocortex. Neuron, 99(4), 814.