

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

FVB-Tg(Thy1-GCaMP6)5Shi

RRID:IMSR_RBRC09452

Type: Organism

Proper Citation

RRID:IMSR_RBRC09452

Organism Information

URL: <https://brc.riken.jp/mus/RBRC09452>

Proper Citation: RRID:IMSR_RBRC09452

Description: Mus musculus with name FVB-Tg(Thy1-GCaMP6)5Shi from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 5; Shionogi and Company|GFP based calcium-sensing molecule 6|thymus cell antigen 1; theta; mutant stock: Tg(Thy1-GCaMP6)5Shi|GCaMP6|Thy1

Affected Gene: transgene insertion 5; Shionogi and Company|GFP based calcium-sensing molecule 6|thymus cell antigen 1; theta

Genomic Alteration: transgene insertion 5; Shionogi and Company|GFP based calcium-sensing molecule 6|thymus cell antigen 1; theta

Catalog Number: RBRC09452

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: FVB-Tg(Thy1-GCaMP6)5Shi

Record Creation Time: 20250513T061513+0000

Record Last Update: 20260912T064334+0000

Ratings and Alerts

No rating or validation information has been found for FVB-Tg(Thy1-GCaMP6)5Shi.

No alerts have been found for FVB-Tg(Thy1-GCaMP6)5Shi.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Akbar L, et al. (2023) Multi-Region Microdialysis Imaging Platform Revealed Dorsal Raphe Nucleus Calcium Signaling and Serotonin Dynamics during Nociceptive Pain. International journal of molecular sciences, 24(7).

Rebusi R, et al. (2021) Simultaneous CMOS-Based Imaging of Calcium Signaling of the Central Amygdala and the Dorsal Raphe Nucleus During Nociception in Freely Moving Mice. Frontiers in neuroscience, 15, 667708.