Resource Summary Report

Generated by NIF on Sep 3, 2026

STOCK Tg(Thy1-jRGECO1a)GP8.31Dkim/J

RRID:IMSR_JAX:030526
Type: Organism

Proper Citation

RRID:IMSR_JAX:030526

Organism Information

URL: https://www.jax.org/strain/030526

Proper Citation: RRID:IMSR_JAX:030526

Description: Mus musculus with name STOCK Tg(Thy1-jRGECO1a)GP8.31Dkim/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(Thy1-jRGECO1a)GP8.31Dkim/J

Notes: gene symbol note: |thymus cell antigen 1; theta|transgene insertion GP8.31; Douglas Kim; mutant stock: |Thy1|Tg(Thy1-jRGECO1a)GP8.31Dkim

Affected Gene: |thymus cell antigen 1; theta|transgene insertion GP8.31; Douglas Kim

Genomic Alteration: transgene insertion GP8.31; Douglas Kim

Catalog Number: JAX:030526

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Thy1-jRGECO1a)GP8.31Dkim/J

Record Creation Time: 20250513T053815+0000

Record Last Update: 20260829T045124+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Thy1-jRGECO1a)GP8.31Dkim/J.

No alerts have been found for STOCK Tg(Thy1-jRGECO1a)GP8.31Dkim/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Rakymzhan A, et al. (2025) Parvalbumin interneurons drive depth-dependent vascular responses. iScience, 28(12), 113965.

Goldberg AR, et al. (2025) Glioma-induced alterations in excitatory neurons are reversed by mTOR inhibition. Neuron, 113(6), 858.

Duque M, et al. (2025) Ketamine induces plasticity in a norepinephrine-astroglial circuit to promote behavioral perseverance. Neuron, 113(3), 426.

Yang Q, et al. (2024) Revealing in??vivo cellular mechanisms of cerebral microbleeds on neurons and microglia across cortical layers. iScience, 27(4), 109371.

Moran AK, et al. (2021) Circuit Contributions to Sensory-Driven Glutamatergic Drive of Olfactory Bulb Mitral and Tufted Cells During Odorant Inhalation. Frontiers in neural circuits, 15, 779056.