

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

STOCK Tg(Thy1-EGFP)MJrs/J

RRID:IMSR_JAX:007788

Type: Organism

Proper Citation

RRID:IMSR_JAX:007788

Organism Information

URL: <https://www.jax.org/strain/007788>

Proper Citation: RRID:IMSR_JAX:007788

Description: Mus musculus with name STOCK Tg(Thy1-EGFP)MJrs/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Thy1-EGFP)MJrs/J

Notes: gene symbol note: thymus cell antigen 1; theta|transgene insertion M; Joshua R Sanes|; mutant stock: Thy1|Tg(Thy1-EGFP)MJrs|

Affected Gene: thymus cell antigen 1; theta|transgene insertion M; Joshua R Sanes|

Genomic Alteration: transgene insertion M; Joshua R Sanes

Catalog Number: JAX:007788

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Tg(Thy1-EGFP)MJrs/J

Record Creation Time: 20250513T053704+0000

Record Last Update: 20260725T044416+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Thy1-EGFP)MJrs/J.

No alerts have been found for STOCK Tg(Thy1-EGFP)MJrs/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 103 mentions in open access literature.

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

Pena-Ortiz MA, et al. (2026) Astrocytic Chromatin Remodeler ATRX Gates Hippocampal Memory Consolidation Through Metabolic and Synaptic Regulation. *Glia*, 74(1), e70098.

Sachuk A, et al. (2025) NeuroDecon: A Neural Network-Based Method for Three-Dimensional Deconvolution of Fluorescent Microscopic Images. *International journal of molecular sciences*, 26(18).

Chu B, et al. (2025) S-nitros(yl)ation of CaMKII γ and its precision redox regulation by SNOTAC plays a critical role in learning and memory. *Redox biology*, 86, 103784.

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

Wolcott NS, et al. (2025) The estrous cycle modulates hippocampal spine dynamics, dendritic processing, and spatial coding. *Neuron*, 113(14), 2297.

Tavakoli MR, et al. (2025) Light-microscopy-based connectomic reconstruction of mammalian brain tissue. *Nature*, 642(8067), 398.

Lu H, et al. (2025) The interplay between homeostatic synaptic scaling and homeostatic structural plasticity maintains the robust firing rate of neural networks. *eLife*, 12.

Fulopova B, et al. (2025) Repetitive transcranial magnetic stimulation increases synaptic plasticity of cortical axons in the APP/PS1 amyloidosis mouse model. *Neurophotonics*, 12(Suppl 1), S14613.

Radnai L, et al. (2025) Development of clinically viable non-muscle myosin II small molecule inhibitors. *Cell*, 188(17), 4604.

Stevens NA, et al. (2025) Diversity of axon initial segment geometry in the mouse hippocampus and its predicted influence on neuronal excitability. *Cerebral cortex (New York, N.Y. : 1991)*, 35(12).

Choi Y, et al. (2025) Blood-derived APLP1+ extracellular vesicles are potential biomarkers for the early diagnosis of brain diseases. *Science advances*, 11(1), eado6894.

Zió?kowska M, et al. (2025) Projections from thalamic nucleus reuniens to hippocampal CA1 area participate in context fear extinction by affecting extinction-induced molecular remodeling of excitatory synapses. *eLife*, 13.

Chipman PH, et al. (2025) A unifying mechanism for presynaptic homeostatic plasticity at mammalian peripheral and central synapses. *Neuron*.

Bass C, et al. (2025) Impaired axon regeneration and heightened synaptic dynamics in the injured aged mammalian cortex. *iScience*, 28(11), 113665.

Hanscom M, et al. (2024) Innervation of adipocytes is limited in mouse perivascular adipose tissue. *American journal of physiology. Heart and circulatory physiology*, 327(1), H155.

Ducote AL, et al. (2024) Dendritic Spines of Layer 5 Pyramidal Neurons of the Aging Somatosensory Cortex Exhibit Reduced Volumetric Remodeling. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(50).

Brill J, et al. (2024) Chronic Aromatase Inhibition Attenuates Synaptic Plasticity in Ovariectomized Mice. *eNeuro*, 11(11).

Sari? N, et al. (2024) Ciliopathy interacts with neonatal anesthesia to cause non-apoptotic caspase-mediated motor deficits. *bioRxiv : the preprint server for biology*.

Liu X, et al. (2024) Compound (E)-2-(3,4-dihydroxystyryl)-3-hydroxy-4H-pyran-4-one downregulation of Galectin-3 ameliorates A? pathogenesis-induced neuroinflammation in 5 × FAD mice. *Life sciences*, 357, 123085.

Yaeger CE, et al. (2024) A dendritic mechanism for balancing synaptic flexibility and stability. *Cell reports*, 43(8), 114638.