

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 28, 2024

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

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

Genomic Alteration: transgene insertion M; Joshua R Sanes

Catalog Number: JAX:007788

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

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

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: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 85 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Xu Y, et al. (2024) Microglial Refinement of A-Fiber Projections in the Postnatal Spinal Cord Dorsal Horn Is Required for Normal Maturation of Dynamic Touch. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(2).

Gellner AK, et al. (2024) Cx3cr1 deficiency interferes with learning- and direct current stimulation-mediated neuroplasticity of the motor cortex. The European journal of neuroscience, 59(2), 177.

Tan JW, et al. (2024) Neurotrophin-3 from the dentate gyrus supports postsynaptic sites of mossy fiber-CA3 synapses and hippocampus-dependent cognitive functions. Molecular psychiatry.

Komorowska-Müller JA, et al. (2023) Chronic low-dose Δ^9 -tetrahydrocannabinol (THC) treatment stabilizes dendritic spines in 18-month-old mice. Scientific reports, 13(1), 1390.

Mitchell DE, et al. (2023) Altered integration of excitatory inputs onto the basal dendrites of layer 5 pyramidal neurons in a mouse model of Fragile X syndrome. Proceedings of the National Academy of Sciences of the United States of America, 120(2), e2208963120.

Wang X, et al. (2023) Driving axon regeneration by orchestrating neuronal and non-neuronal innate immune responses via the IFN γ -cGAS-STING axis. Neuron, 111(2), 236.

Kim H, et al. (2023) Oligodendrocyte precursor cells stop sensory axons regenerating into the spinal cord. Cell reports, 42(9), 113068.

Neniskyte U, et al. (2023) Phospholipid scramblase Xkr8 is required for developmental axon pruning via phosphatidylserine exposure. The EMBO journal, e111790.

Aydin M?, et al. (2023) Active shrinkage protects neurons following axonal transection. iScience, 26(10), 107715.

Dirvelyte E, et al. (2023) Genetically encoded phosphatidylserine biosensor for in vitro, ex vivo and in vivo labelling. *Cellular & molecular biology letters*, 28(1), 59.

Cangalaya C, et al. (2023) Real-time mechanisms of exacerbated synaptic remodeling by microglia in acute models of systemic inflammation and tauopathy. *Brain, behavior, and immunity*, 110, 245.

Zió?kowska M, et al. (2023) Phosphorylation of PSD-95 at serine 73 in dCA1 is required for extinction of contextual fear. *PLoS biology*, 21(5), e3002106.

Handwerk CJ, et al. (2023) Integrin α 3 regulates apical dendritic morphology of pyramidal neurons throughout hippocampal CA3. *Hippocampus*.

Parkins EV, et al. (2023) Mir324 knockout regulates the structure of dendritic spines and impairs hippocampal long-term potentiation. *Scientific reports*, 13(1), 21919.

Ryu Y, et al. (2022) Single-Step Fast Tissue Clearing of Thick Mouse Brain Tissue for Multi-Dimensional High-Resolution Imaging. *International journal of molecular sciences*, 23(12).

Han JJ, et al. (2022) Synaptic Remodeling of the Auditory Cortex Following Bilateral Blindness: Evidence of Cross-modal Plasticity. *Experimental neurobiology*, 31(5), 299.

Chandra PK, et al. (2022) Effects of aging on protein expression in mice brain microvessels: ROS scavengers, mRNA/protein stability, glycolytic enzymes, mitochondrial complexes, and basement membrane components. *GeroScience*, 44(1), 371.

Bhatia HS, et al. (2022) Spatial proteomics in three-dimensional intact specimens. *Cell*, 185(26), 5040.

Miller AM, et al. (2022) Glucocorticoid regulation of diurnal spine plasticity in the murine ventromedial prefrontal cortex. *Journal of neuroendocrinology*, 34(12), e13212.

Tedeschi A, et al. (2022) Harnessing cortical plasticity via gabapentinoid administration promotes recovery after stroke. *Brain : a journal of neurology*, 145(7), 2378.