Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 11, 2025

B6.Cg-Tg(Thy1-YFP)HJrs/J

RRID:IMSR_JAX:003782 Type: Organism

Proper Citation

RRID:IMSR_JAX:003782

Organism Information

URL: https://www.jax.org/strain/003782

Proper Citation: RRID:IMSR_JAX:003782

Description: Mus musculus with name B6.Cg-Tg(Thy1-YFP)HJrs/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Thy1-YFPH)2Jrs/J

Notes: gene symbol note: |transgene insertion H; Joshua R Sanes|thymus cell antigen 1; theta||transgene insertion H; Joshua R Sanes|thymus cell antigen 1; theta; mutant strain: |Tg(Thy1-YFP)HJrs|Thy1||Tg(Thy1-YFP)HJrs|Thy1

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

Genomic Alteration: transgene insertion H; Joshua R Sanes

Catalog Number: JAX:003782

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:3782

Organism Name: B6.Cg-Tg(Thy1-YFP)HJrs/J

Record Creation Time: 20230509T193242+0000

Record Last Update: 20250412T090302+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Thy1-YFP)HJrs/J.

No alerts have been found for B6.Cg-Tg(Thy1-YFP)HJrs/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 107 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Manubens-Gil L, et al. (2024) Deficits in neuronal architecture but not over-inhibition are main determinants of reduced neuronal network activity in a mouse model of overexpression of Dyrk1A. Cerebral cortex (New York, N.Y. : 1991), 34(1).

Coulson RL, et al. (2024) Translational modulator ISRIB alleviates synaptic and behavioral phenotypes in Fragile X syndrome. iScience, 27(4), 109259.

Zhang Y, et al. (2024) Long-term mesoscale imaging of 3D intercellular dynamics across a mammalian organ. Cell, 187(21), 6104.

Sequeira MK, et al. (2024) Cocaine disrupts action flexibility via glucocorticoid receptors. iScience, 27(7), 110148.

Chelini G, et al. (2024) Focal clusters of peri-synaptic matrix contribute to activity-dependent plasticity and memory in mice. Cell reports, 43(5), 114112.

Hanes CM, et al. (2024) A C-terminal motif containing a PKC phosphorylation site regulates ?-Protocadherin-mediated dendrite arborization in the cerebral cortex in vivo. bioRxiv : the preprint server for biology.

Wei HR, et al. (2024) A microglial activation cascade across cortical regions underlies secondary mechanical hypersensitivity to amputation. Cell reports, 43(2), 113804.

Jin S, et al. (2023) Astroglial exosome HepaCAM signaling and ApoE antagonization

coordinates early postnatal cortical pyramidal neuronal axon growth and dendritic spine formation. bioRxiv : the preprint server for biology.

Reeson P, et al. (2023) Optical opening of the blood-brain barrier for targeted and ultrasparse viral infection of cells in mouse cortex. Cell reports methods, 3(6), 100489.

Chen Y, et al. (2023) Scalable projected Light Sheet Microscopy for high-resolution imaging of living and cleared samples. bioRxiv : the preprint server for biology.

Alexandris AS, et al. (2023) Traumatic Axonal Injury in the Optic Nerve: The Selective Role of SARM1 in the Evolution of Distal Axonopathy. Journal of neurotrauma.

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

Yang Y, et al. (2023) Cyclophilin D-induced mitochondrial impairment confers axonal injury after intracerebral hemorrhage in mice. Neural regeneration research, 18(4), 849.

Lu X, et al. (2023) Preserving extracellular space for high-quality optical and ultrastructural studies of whole mammalian brains. Cell reports methods, 3(7), 100520.

Ames S, et al. (2023) Ca2+-induced myelin pathology precedes axonal spheroid formation and is mediated in part by store-operated Ca2+ entry after spinal cord injury. Neural regeneration research, 18(12), 2720.

Suryavanshi P, et al. (2023) Brief excitotoxic insults cause a calpain-mediated increase in nuclear membrane permeability in neonatal neurons. bioRxiv : the preprint server for biology.

Keary KM, et al. (2023) Dendritic distribution of autophagosomes underlies pathwayselective induction of LTD. Cell reports, 42(8), 112898.

Zhou H, et al. (2023) A sleep-active basalocortical pathway crucial for generation and maintenance of chronic pain. Nature neuroscience, 26(3), 458.

Termine A, et al. (2022) Transcriptomic and Network Analyses Reveal Immune Modulation by Endocannabinoids in Approach/Avoidance Traits. International journal of molecular sciences, 23(5).

Snyder B, et al. (2022) Aged Mouse Hippocampus Exhibits Signs of Chronic Hypoxia and an Impaired HIF-Controlled Response to Acute Hypoxic Exposures. Cells, 11(3).