

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

B6;CBA-Tg(Thy1-EGFP)SJrs/NdivJ

RRID:IMSR_JAX:011070

Type: Organism

Proper Citation

RRID:IMSR_JAX:011070

Organism Information

URL: <https://www.jax.org/strain/011070>

Proper Citation: RRID:IMSR_JAX:011070

Description: Mus musculus with name B6;CBA-Tg(Thy1-EGFP)SJrs/NdivJ from IMSR.

Species: Mus musculus

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

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

Genomic Alteration: transgene insertion S; Joshua R Sanes

Catalog Number: JAX:011070

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;CBA-Tg(Thy1-EGFP)SJrs/NdivJ

Record Creation Time: 20250513T053719+0000

Record Last Update: 20260815T050629+0000

Ratings and Alerts

No rating or validation information has been found for B6;CBA-Tg(Thy1-EGFP)SJrs/NdivJ.

No alerts have been found for B6;CBA-Tg(Thy1-EGFP)SJrs/NdivJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Barnes SA, et al. (2025) Non-ionotropic signaling through the NMDA receptor GluN2B carboxy-terminal domain drives dendritic spine plasticity and reverses fragile X phenotypes. Cell reports, 44(3), 115311.

Barnes SA, et al. (2024) Non-ionotropic signaling through the NMDA receptor GluN2B carboxy terminal domain drives morphological plasticity of dendritic spines and reverses fragile X phenotypes in mouse hippocampus. bioRxiv : the preprint server for biology.

Michelson NJ, et al. (2019) Comparison between transgenic and AAV-PHP.eB-mediated expression of GCaMP6s using in vivo wide-field functional imaging of brain activity. Neurophotonics, 6(2), 025014.

Brigidi GS, et al. (2019) Genomic Decoding of Neuronal Depolarization by Stimulus-Specific NPAS4 Heterodimers. Cell, 179(2), 373.

Murphy TR, et al. (2017) Hippocampal and Cortical Pyramidal Neurons Swell in Parallel with Astrocytes during Acute Hypoosmolar Stress. Frontiers in cellular neuroscience, 11, 275.

Makino H, et al. (2017) Transformation of Cortex-wide Emergent Properties during Motor Learning. Neuron, 94(4), 880.