

Resource Summary Report

Generated by [dkNET](#) on Aug 28, 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 [dkNET](#) .

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.