Resource Summary Report

Generated by dkNET on Aug 6, 2026

tdTomato-C1

RRID:Addgene_54653
Type: Plasmid

Proper Citation

RRID:Addgene_54653

Plasmid Information

URL: http://www.addgene.org/54653

Proper Citation: RRID:Addgene_54653

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:tdTomato-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 554; Emission = 581

Plasmid Name: tdTomato-C1

Record Creation Time: 20220422T222320+0000

Record Last Update: 20260801T081459+0000

Ratings and Alerts

No rating or validation information has been found for tdTomato-C1.

No alerts have been found for tdTomato-C1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Escalona-Rodriguez FA, et al. (2025) Development of a StIW111C-based bioresponsive pore-forming conjugate for permeabilizing the endosomal membrane. International journal of biological macromolecules, 297, 139819.

Mitchell SJ, et al. (2025) Micro-sub regional synapse weakening by mimicking the hyperphosphorylation of microtubule associated protein Tau in dendritic spines. Brain communications, 7(3), fcaf234.

Ellis MJ, et al. (2024) Identification of high-performing antibodies for the reliable detection of Tau proteoforms by Western blotting and immunohistochemistry. Acta neuropathologica, 147(1), 87.

Benwell CJ, et al. (2024) A proteomics approach to isolating neuropilin-dependent ?5 integrin trafficking pathways: neuropilin 1 and 2 co-traffic ?5 integrin through endosomal p120RasGAP to promote polarised fibronectin fibrillogenesis in endothelial cells. Communications biology, 7(1), 629.

Birnbaum R, et al. (2023) mRNA Localization and Local Translation of the Microtubule Severing Enzyme, Fidgetin-Like 2, in Polarization, Migration and Outgrowth. bioRxiv : the preprint server for biology.

Kim SC, et al. (2023) Mimicking hypomethylation of FUS requires liquid-liquid phase separation to induce synaptic dysfunctions. Acta neuropathologica communications, 11(1), 199.

Lantz BJ, et al. (2023) Chronic hypoxia disrupts T regulatory cell phenotype contributing to the emergence of exTreg-TH17 cells. Frontiers in physiology, 14, 1304732.

Lin B, et al. (2022) An AMPK phosphoregulated RhoGEF feedback loop tunes cortical flow-driven amoeboid migration in vivo. Science advances, 8(37), eabo0323.

Katsuta E, et al. (2022) Mechano-Sensing Channel PIEZO2 Enhances Invasive Phenotype in Triple-Negative Breast Cancer. International journal of molecular sciences, 23(17).

Ishibashi R, et al. (2022) Development of an in vivo cleavable donor plasmid for targeted transgene integration by CRISPR-Cas9 and CRISPR-Cas12a. Scientific reports, 12(1), 17775.

Rossini M, et al. (2021) Loosening ER-Mitochondria Coupling by the Expression of the Presenilin 2 Loop Domain. Cells, 10(8).

Sandoval M, et al. (2021) Interplay of opposing fate choices stalls oncogenic growth in murine skin epithelium. eLife, 10.

Wendel JRH, et al. (2020) Three-Dimensional Biofabrication Models of Endometriosis and the Endometriotic Microenvironment. Biomedicines, 8(11).

Lin B, et al. (2020) Collectively stabilizing and orienting posterior migratory forces disperses cell clusters in vivo. Nature communications, 11(1), 4477.

Rossi A, et al. (2020) Defective Mitochondrial Pyruvate Flux Affects Cell Bioenergetics in Alzheimer's Disease-Related Models. Cell reports, 30(7), 2332.

Zhao J, et al. (2020) Specific depletion of the motor protein KIF5B leads to deficits in dendritic transport, synaptic plasticity and memory. eLife, 9.

Kong D, et al. (2019) In vivo optochemical control of cell contractility at single-cell resolution. EMBO reports, 20(12), e47755.

Barger SR, et al. (2019) Membrane-cytoskeletal crosstalk mediated by myosin-I regulates adhesion turnover during phagocytosis. Nature communications, 10(1), 1249.

Sikirzhytski V, et al. (2018) Microtubules assemble near most kinetochores during early prometaphase in human cells. The Journal of cell biology, 217(8), 2647.

Ye F, et al. (2018) BBSome trains remove activated GPCRs from cilia by enabling passage through the transition zone. The Journal of cell biology, 217(5), 1847.