

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pmCherry_a_tubulin_IRES_puro2

RRID:Addgene_21043

Type: Plasmid

Proper Citation

RRID:Addgene_21043

Plasmid Information

URL: <http://www.addgene.org/21043>

Proper Citation: RRID:Addgene_21043

Insert Name: alpha Tubulin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19203582](#)

Vector Backbone Description: Backbone Size:5800; Vector Backbone:IRES_puro2b;
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid contains a CMV promoter before the insert.

Plasmid Name: pmCherry_a_tubulin_IRES_puro2

Record Creation Time: 20220422T222054+0000

Record Last Update: 20260808T081406+0000

Ratings and Alerts

No rating or validation information has been found for pmCherry_a_tubulin_IRES_puro2.

No alerts have been found for pmCherry_a_tubulin_IRES_puro2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Iida S, et al. (2023) Orientation-Independent-DIC imaging reveals that a transient rise in macromolecular crowding contributes to mitotic chromosome condensation. bioRxiv : the preprint server for biology.

Zhang X, et al. (2020) The proline-rich domain promotes Tau liquid-liquid phase separation in cells. The Journal of cell biology, 219(11).

Sacristan C, et al. (2018) Dynamic kinetochore size regulation promotes microtubule capture and chromosome biorientation in mitosis. Nature cell biology, 20(7), 800.

Derbis M, et al. (2018) Quantitative Evaluation of Toxic Polyglycine Biosynthesis and Aggregation in Cell Models Expressing Expanded CGG Repeats. Frontiers in genetics, 9, 216.

Serrano D, et al. (2017) GTPase of the Immune-Associated Nucleotide Protein 5 Regulates the Lysosomal Calcium Compartment in T Lymphocytes. Frontiers in immunology, 8, 94.

Greil C, et al. (2016) The role of APC/C(Cdh1) in replication stress and origin of genomic instability. Oncogene, 35(23), 3062.

Spiliotis ET, et al. (2016) Fluorescence microscopy of actin- and microtubule-associated septins in mammalian cells. Methods in cell biology, 136, 243.

Lecland N, et al. (2016) Imaging and Quantifying the Dynamics of γ -Tubulin at Microtubule Minus Ends in Mitotic Spindles. Methods in molecular biology (Clifton, N.J.), 1413, 63.

Bailey JK, et al. (2015) WD repeat-containing protein 5 (WDR5) localizes to the midbody and regulates abscission. The Journal of biological chemistry, 290(14), 8987.

Nakashima H, et al. (2015) Histone deacetylase 6 inhibition enhances oncolytic viral replication in glioma. The Journal of clinical investigation, 125(11), 4269.

Leung KP, et al. (2014) Understanding copper sensitivity in zebrafish (Danio rerio) through the intracellular localization of copper transporters in a hepatocyte cell-line ZFL and the tissue expression profiles of copper transporters. Metallomics : integrated biometal science, 6(5), 1057.

Lecland N, et al. (2014) The dynamics of microtubule minus ends in the human mitotic spindle. Nature cell biology, 16(8), 770.

Xiao Z, et al. (2012) Gamma/LGN-mediated asymmetric spindle positioning does not lead to unequal cleavage of the mother cell in 3-D cultured MDCK cells. Biochemical and biophysical research communications, 420(4), 888.