Resource Summary Report

Generated by RRID on Aug 21, 2026

pLenti-Lifeact-tdTomato

RRID:Addgene_64048
Type: Plasmid

Proper Citation

RRID:Addgene_64048

Plasmid Information

URL: http://www.addgene.org/64048

Proper Citation: RRID:Addgene_64048

Insert Name: Lifeact

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25575350

Vector Backbone Description: Backbone Size:9124; Vector Backbone:pLenti-hiko; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The Lifeact sequence was initially reported in Riedl, J. et al. Lifeact: a versatile marker to visualize F-actin. Nat Methods 5, 605–607 (2008). Please cite the following article as follows: Lim, C.-Y. et al. Tropomodulin3 is a novel Akt2 effector regulating insulin-stimulated GLUT4 exocytosis through cortical actin remodeling. Nat Commun 6, 5951 (2015).

Plasmid Name: pLenti-Lifeact-tdTomato

Record Creation Time: 20220422T222407+0000

Record Last Update: 20260815T081808+0000

Ratings and Alerts

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

No alerts have been found for pLenti-Lifeact-tdTomato.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Rosti V, et al. (2025) Chromatin remodeling restrains oncogenic functions in prostate cancer. Nature communications, 16(1), 9174.

Bitler BG, et al. (2025) Claudin-4 as a dual regulator of genome stability and immune evasion in high grade serous ovarian cancer. Scientific reports, 15(1), 39257.

Villagomez FR, et al. (2024) Claudin-4 stabilizes the genome via nuclear and cell cycle remodeling to support ovarian cancer cell survival. Cancer research communications.

Villagomez FR, et al. (2024) Claudin-4 remodeling of nucleus-cell cycle crosstalk maintains ovarian tumor genome stability and drives resistance to genomic instability-inducing agents. bioRxiv : the preprint server for biology.

Hu B, et al. (2023) Fluid shear stress enhances natural killer cell's cytotoxicity toward circulating tumor cells through NKG2D-mediated mechanosensing. APL bioengineering, 7(3), 036108.

Nesmith JE, et al. (2017) Blood vessel anastomosis is spatially regulated by Flt1 during angiogenesis. Development (Cambridge, England), 144(5), 889.