

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pLenti.PGK.LifeAct-Ruby.W

RRID:Addgene_51009

Type: Plasmid

Proper Citation

RRID:Addgene_51009

Plasmid Information

URL: <http://www.addgene.org/51009>

Proper Citation: RRID:Addgene_51009

Insert Name: LifeAct-mRFP Ruby

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:L. Naldini; Vector Backbone:pLenti.PGK:EGFP; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti.PGK.LifeAct-Ruby.W

Record Creation Time: 20220422T222301+0000

Record Last Update: 20260815T081613+0000

Ratings and Alerts

No rating or validation information has been found for pLenti.PGK.LifeAct-Ruby.W.

No alerts have been found for pLenti.PGK.LifeAct-Ruby.W.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Palmiero M, et al. (2023) Collective directional migration drives the formation of heteroclonal cancer cell clusters. *Molecular oncology*, 17(9), 1699.

Aw WY, et al. (2023) Microphysiological model of PIK3CA-driven vascular malformations reveals a role of dysregulated Rac1 and mTORC1/2 in lesion formation. *Science advances*, 9(7), eade8939.

Chen NP, et al. (2022) CDK1-cyclin-B1-induced kindlin degradation drives focal adhesion disassembly at mitotic entry. *Nature cell biology*, 24(5), 723.

Bera K, et al. (2022) Extracellular fluid viscosity enhances cell migration and cancer dissemination. *Nature*, 611(7935), 365.

Gupta A, et al. (2022) Heptanol-mediated phase separation determines phase preference of molecules in live cell membranes. *Journal of lipid research*, 63(6), 100220.

Tefft JB, et al. (2021) Reconstituting the dynamics of endothelial cells and fibroblasts in wound closure. *APL bioengineering*, 5(1), 016102.

Eysert F, et al. (2021) Alzheimer's genetic risk factor FERMT2 (Kindlin-2) controls axonal growth and synaptic plasticity in an APP-dependent manner. *Molecular psychiatry*, 26(10), 5592.

Song HG, et al. (2020) Transient Support from Fibroblasts is Sufficient to Drive Functional Vascularization in Engineered Tissues. *Advanced functional materials*, 30(48).

Engevik MA, et al. (2020) Human intestinal enteroids as a model of *Clostridioides difficile*-induced enteritis. *American journal of physiology. Gastrointestinal and liver physiology*, 318(5), G870.

Aoun L, et al. (2020) Amoeboid Swimming Is Propelled by Molecular Paddling in Lymphocytes. *Biophysical journal*, 119(6), 1157.

Kilinc D, et al. (2020) Pyk2 overexpression in postsynaptic neurons blocks amyloid β 1-42-induced synaptotoxicity in microfluidic co-cultures. *Brain communications*, 2(2), fcaa139.

Puliafito A, et al. (2019) Driving Cells with Light-Controlled Topographies. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 6(14), 1801826.

Zhao R, et al. (2019) Cell sensing and decision-making in confinement: The role of TRPM7 in a tug of war between hydraulic pressure and cross-sectional area. *Science advances*, 5(7), eaaw7243.

Ishiyama N, et al. (2018) Force-dependent allostery of the β -catenin actin-binding domain controls adherens junction dynamics and functions. *Nature communications*, 9(1), 5121.

Gagliardi PA, et al. (2018) MRCK β is activated by caspase cleavage to assemble an apical actin ring for epithelial cell extrusion. *The Journal of cell biology*, 217(1), 231.