

# Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

## mKate-Lifeact-7

RRID:Addgene\_54697

Type: Plasmid

### Proper Citation

RRID:Addgene\_54697

### Plasmid Information

**URL:** <http://www.addgene.org/54697>

**Proper Citation:** RRID:Addgene\_54697

**Insert Name:** Lifeact-mKate

**Bacterial Resistance:** Kanamycin

**Vector Backbone Description:** Backbone Size:4800; Vector Backbone:LifeAct- mKate;  
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** . Excitation = 588; Emission = 635

**Plasmid Name:** mKate-Lifeact-7

**Record Creation Time:** 20220422T222320+0000

**Record Last Update:** 20260829T080711+0000

### Ratings and Alerts

No rating or validation information has been found for mKate-Lifeact-7.

No alerts have been found for mKate-Lifeact-7.

### 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 [NIF](#) .

Niekamp P, et al. (2022) Ca<sup>2+</sup>-activated sphingomyelin scrambling and turnover mediate ESCRT-independent lysosomal repair. *Nature communications*, 13(1), 1875.

Dhanda AS, et al. (2021) Distribution of PDLIM1 at actin-rich structures generated by invasive and adherent bacterial pathogens. *Anatomical record (Hoboken, N.J. : 2007)*, 304(5), 919.

Dhanda AS, et al. (2021) mDia1 Assembles a Linear F-Actin Coat at Membrane Invaginations To Drive *Listeria monocytogenes* Cell-to-Cell Spreading. *mBio*, 12(6), e0293921.

Niekamp P, et al. (2021) Sphingomyelin Biosynthesis Is Essential for Phagocytic Signaling during *Mycobacterium tuberculosis* Host Cell Entry. *mBio*, 12(1).

Dhanda AS, et al. (2018) Cyclophilin A Controls *Salmonella* Internalization Levels and is Present at *E. coli* Actin-Rich Pedestals. *Anatomical record (Hoboken, N.J. : 2007)*, 301(12), 2086.

Dhanda AS, et al. (2018) Palladin Compensates for the Arp2/3 Complex and Supports Actin Structures during *Listeria* Infections. *mBio*, 9(2).