

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

FusionRed-Lifeact-7

RRID:Addgene_54778

Type: Plasmid

Proper Citation

RRID:Addgene_54778

Plasmid Information

URL: <http://www.addgene.org/54778>

Proper Citation: RRID:Addgene_54778

Insert Name: Lifeact-FusionRed

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23149748](#)

Vector Backbone Description: Backbone Size:4800; Vector Backbone:FusionRed-Lifeact; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: mKate2.7C = FusionRed. Excitation = 580; Emission = 608

Plasmid Name: FusionRed-Lifeact-7

Record Creation Time: 20220422T222320+0000

Record Last Update: 20260829T080711+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Guillaud L, et al. (2025) Loss of intracellular ATP affects axoplasmic viscosity and pathological protein aggregation in mammalian neurons. *Science advances*, 11(17), eadq6077.

Brimer N, et al. (2022) Human papillomavirus type 16 E6 induces cell competition. *PLoS pathogens*, 18(3), e1010431.

Pak VV, et al. (2020) Ultrasensitive Genetically Encoded Indicator for Hydrogen Peroxide Identifies Roles for the Oxidant in Cell Migration and Mitochondrial Function. *Cell metabolism*, 31(3), 642.

Samson EB, et al. (2017) The coordinating role of IQGAP1 in the regulation of local, endosome-specific actin networks. *Biology open*, 6(6), 785.