

Resource Summary Report

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

pENTR2b-Lifeact-mNeonGreen

RRID:Addgene_225496

Type: Plasmid

Proper Citation

RRID:Addgene_225496

Plasmid Information

URL: <http://www.addgene.org/225496>

Proper Citation: RRID:Addgene_225496

Insert Name: Lifeact

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:41495248](#)

Vector Backbone Description: Vector Backbone:pENTR2b; Vector Types:Gateway Cloning; Bacterial Resistance:Kanamycin

Comments: First, gene blocks containing the lifeact sequence (Riedl et al., 2008) in frame with mNeonGreen (Shaner et al., 2013) and flanked with Kpn1 and Xho1 restriction sites were purchased from IDT (Integrated DNA Technologies, Inc.). Through enzymatic digestion (Kpn1, ThermoFisher Scientific, FD0524, and XhoI, ThermoFisher Scientific, FD0694) of the two sites on both gene blocks and the pENTR2b entry vector (ThermoFisher Scientific, A10463), we obtained pENTR2b-Lifeact-mNeonGreen. Please visit <https://doi.org/10.1101/2024.09.30.615654> for the bioRxiv preprint.

Plasmid Name: pENTR2b-Lifeact-mNeonGreen

Record Creation Time: 20260114T090509+0000

Record Last Update: 20260902T044305+0000

Ratings and Alerts

No rating or validation information has been found for pENTR2b-Lifeact-mNeonGreen.

No alerts have been found for pENTR2b-Lifeact-mNeonGreen.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.