

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pEJS477-pHAGE-TO-Spy dCas9 3XmCherry-SgRNA/Telomere-All-in-one

RRID:Addgene_85717

Type: Plasmid

Proper Citation

RRID:Addgene_85717

Plasmid Information

URL: <http://www.addgene.org/85717>

Proper Citation: RRID:Addgene_85717

Insert Name: Sp dCas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27984730](#)

Vector Backbone Description: Vector Backbone:pHAGE-DEST; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: Multicolor CRISPR labeling of chromosomal loci in human cells. Ma H, Naseri A, Reyes-Gutierrez P, Wolfe SA, Zhang S, Pederson T. Proc Natl Acad Sci U S A. 2015 Mar 10;112(10):3002-7. doi: 10.1073/pnas.1420024112. Epub 2015 Feb 23. 10.1073/pnas.1420024112 PubMed 25713381

Plasmid Name: pEJS477-pHAGE-TO-Spy dCas9 3XmCherry-SgRNA/Telomere-All-in-one

Record Creation Time: 20220422T222551+0000

Record Last Update: 20260815T082126+0000

Ratings and Alerts

No rating or validation information has been found for pEJS477-pHAGE-TO-Spy dCas9 3XmCherry-SgRNA/Telomere-All-in-one.

No alerts have been found for pEJS477-pHAGE-TO-Spy dCas9 3XmCherry-SgRNA/Telomere-All-in-one.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Storchova R, et al. (2023) Phosphorylation of TRF2 promotes its interaction with TIN2 and regulates DNA damage response at telomeres. Nucleic acids research, 51(3), 1154.

Ku H, et al. (2022) Effects of Transcription-Dependent Physical Perturbations on the Chromosome Dynamics in Living Cells. Frontiers in cell and developmental biology, 10, 822026.

Song G, et al. (2019) AcrIIA5 Inhibits a Broad Range of Cas9 Orthologs by Preventing DNA Target Cleavage. Cell reports, 29(9), 2579.