

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pActinin-LSSmOrange

RRID:Addgene_37139

Type: Plasmid

Proper Citation

RRID:Addgene_37139

Plasmid Information

URL: <http://www.addgene.org/37139>

Proper Citation: RRID:Addgene_37139

Insert Name: LSSmOrange

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22486524](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:6655; Vector Backbone:pN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pActinin-LSSmOrange

Relevant Mutation: A44V/F84L/W145M/I165D/M167L/G202D compared to mOrange (but numbering relative to EGFP)

Record Creation Time: 20220422T222157+0000

Record Last Update: 20260815T081413+0000

Ratings and Alerts

No rating or validation information has been found for pActinin-LSSmOrange.

No alerts have been found for pActinin-LSSmOrange.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

De Keersmaecker H, et al. (2016) Photoconvertible Behavior of LSSmOrange Applicable for Single Emission Band Optical Highlighting. Biophysical journal, 111(5), 1014.

Fron E, et al. (2015) Mechanism Behind the Apparent Large Stokes Shift in LSSmOrange Investigated by Time-Resolved Spectroscopy. The journal of physical chemistry. B, 119(47), 14880.