

Resource Summary Report

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

pLSSmOrange-mKate2 caspase-3 biosensor

RRID:Addgene_37132

Type: Plasmid

Proper Citation

RRID:Addgene_37132

Plasmid Information

URL: <http://www.addgene.org/37132>

Proper Citation: RRID:Addgene_37132

Insert Name: LSSmOrange-DEVD-mKate2

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22486524](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:3959; Vector Backbone:pN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pLSSmOrange-mKate2 caspase-3 biosensor

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

Record Creation Time: 20220422T222157+0000

Record Last Update: 20260815T081412+0000

Ratings and Alerts

No rating or validation information has been found for pLSSmOrange-mKate2 caspase-3 biosensor.

No alerts have been found for pLSSmOrange-mKate2 caspase-3 biosensor.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Kitamura A, et al. (2016) Interaction of RNA with a C-terminal fragment of the amyotrophic lateral sclerosis-associated TDP43 reduces cytotoxicity. Scientific reports, 6, 19230.