

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pCS6-YFP-SMASH(AI)

RRID:Addgene_111500

Type: Plasmid

Proper Citation

RRID:Addgene_111500

Plasmid Information

URL: <http://www.addgene.org/111500>

Proper Citation: RRID:Addgene_111500

Insert Name: YFP-SMASH(AI)

Organism: Aequorea victoria, Hepatitis C Virus (HCV) genotype 1a

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29967496](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pCMV-SPORT6; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: [Ref. 1] CHUNG H.K., JACOBS C.L., HUO Y., YANG J., KRUMM S.A., PLEMPER R.K., TSIEN R.Y. & LIN M.Z. 2015. Tunable and reversible drug control of protein production via a self-excising degron. Nat Chem Biol 11: 713-720. [Ref. 2] NAGAI T., IBATA K., PARK E.S., KUBOTA M., MIKOSHIBA K. & MIYAWAKI A. 2002. A variant of yellow fluorescent protein with fast and efficient maturation for cell-biological applications. Nat Biotechnol 20: 87-90.

Plasmid Name: pCS6-YFP-SMASH(AI)

Relevant Mutation: The HCV NS3 protease carries V36M, T54A, and S122G mutations.

Record Creation Time: 20220422T221543+0000

Record Last Update: 20260725T073509+0000

Ratings and Alerts

No rating or validation information has been found for pCS6-YFP-SMASH(AI).

No alerts have been found for pCS6-YFP-SMASH(AI).

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 [NIF](#) .

Sahu I, et al. (2021) The 20S as a stand-alone proteasome in cells can degrade the ubiquitin tag. Nature communications, 12(1), 6173.