

Resource Summary Report

Generated by [kravitz2](#) on Sep 5, 2026

pSelAct-Express

RRID:Addgene_174375

Type: Plasmid

Proper Citation

RRID:Addgene_174375

Plasmid Information

URL: <http://www.addgene.org/174375>

Proper Citation: RRID:Addgene_174375

Bacterial Resistance: Apramycin

Defining Citation: [PMID:34890250](#)

Vector Backbone Description: Backbone Size:6440; Vector Backbone:pUC19; Vector Types:Expression vector for targeted integration; Bacterial Resistance:Apramycin

Comments: For cloning in homology arms, can use Gateway, restriction ligation, or homology-based cloning such as Gibson/Infusion cloning. eGFP can be swapped for your gene of interest or can be fused (recommend homology base cloning). Original pSelAct backbone was developed here: Geize, R. van der, Jong, W. de, Hessels, G. I., Grommen, A. W. F., Jacobs, A. A. C., and Dijkhuizen, L. 2008. A novel method to generate unmarked gene deletions in the intracellular pathogen *Rhodococcus equi* using 5-fluorocytosine conditional lethality. *Nucleic Acids Res.* 36:e151 pSelAct-Express was develop and tested here: Stevens, D. M., Tang, A., and Coaker, G. 2021. A Genetic Toolkit for Investigating *Clavibacter* Species: Markerless Deletion, Permissive Site Identification, and an Integrative Plasmid. *Mol Plant-microbe Interactions.* 34:1336–1345

Plasmid Name: pSelAct-Express

Record Creation Time: 20220908T080214+0000

Record Last Update: 20260905T080450+0000

Ratings and Alerts

No rating or validation information has been found for pSelAct-Express.

No alerts have been found for pSelAct-Express.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.