

Resource Summary Report

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

pSKI015

RRID:Addgene_11570

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/11570>

Proper Citation: RRID:Addgene_11570

Insert Name: CaMV 35S enhancers

Organism: Cauliflower mosaic virus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10759496](#)

Vector Backbone Description: Backbone Marker:Hayashi et al, 1992; Backbone Size:10138; Vector Backbone:pPCVICEn4HPT; Vector Types:Plant Expression, Activation tagging; Bacterial Resistance:Ampicillin

Comments: The CaMV 35S enhancers in these vectors correspond to nucleotides -417 to -86 relative to the transcription start. Recommended Agrobacterium strain is GV3101 pMP90RK. Host and helper plasmid markers are kanamycin, gentamycin and rifampicin resistance. Plasmid selection in E. coli and in A. tumefaciens is ampicillin resistance. Sites that leave the pBstKS+ sequences intact and cut only on one side between pBstKS+ and either left or right border can be used for plasmid rescue. Note that there are additional BssS1 sites not shown on the map. The four enhancer repeats in the construct may be unstable in E. coli and Agrobacterium if stored at +4°C for extended time. Check by PCR with T7 (or M13-20) oligo and this one derived from the RB sequence: 5' acc cgc caa tat atc ctg 3'. This should give 1.4 kb band. Note that these oligos will not work in a transgenic plant, as the RB sequence is not transferred. Using this test, we found that after 1-2 weeks in a fridge the Agrobacterium strain loses on average one copy of a repeat, and after a month in a fridge there is only one copy left. It is a good idea to use a freshly streaked colony from a good -70°C glycerol stock for every infiltration.

Plasmid Name: pSKI015

Record Creation Time: 20220422T221606+0000

Record Last Update: 20260725T073551+0000

Ratings and Alerts

No rating or validation information has been found for pSKI015.

No alerts have been found for pSKI015.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.