

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pMN19

RRID:Addgene_11572

Type: Plasmid

Proper Citation

RRID:Addgene_11572

Plasmid Information

URL: <http://www.addgene.org/11572>

Proper Citation: RRID:Addgene_11572

Insert Name: CaMV 35S enhancers

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:10759496](#)

Vector Backbone Description: Backbone Marker:Hajdukiewicz et al 1994; Backbone Size:11073; Vector Backbone:pPZP212; Vector Types:Plant Expression; Bacterial Resistance:Spectinomycin

Comments: Used to confirm activation-tagged genes. Contains multiple cloning sites adjacent to the same tetramerized CaMV 35S enhancers as in the activation-tagging vectors from this article. Kanamycin gene for plant selection on MS media. Plasmid selection in *E. coli* and in *A. tumefaciens* is spectinomycin (100 mg/l). 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: pMN19

Record Creation Time: 20220422T221606+0000

Record Last Update: 20260815T080236+0000

Ratings and Alerts

No rating or validation information has been found for pMN19.

No alerts have been found for pMN19.

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](#) .

Panara F, et al. (2018) T-DNA Insertional Mutagenesis and Activation Tagging in *Medicago truncatula*. *Methods in molecular biology* (Clifton, N.J.), 1822, 83.