Resource Summary Report

Generated by dkNET on Aug 20, 2026

INCTbiosyn-p35S(rc)2_4_5-GFP

RRID:Addgene_127520
Type: Plasmid

Proper Citation

RRID:Addgene_127520

Plasmid Information

URL: http://www.addgene.org/127520

Proper Citation: RRID:Addgene_127520

Insert Name: CaMV 35S reverse complement promoter sequence flanked by attB/attP Integrase 2, 4 and 5 attachment sites.

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: PMID:32444777

Vector Backbone Description: Vector Backbone:pUC18; Vector Types:Plant Expression; Bacterial Resistance:Ampicillin

Comments: The CaMV 35S promoter in a reverse complement sequence orientation came from iGEM registry (BBa_K1547006) and the attB/P integrases 2, 4 and 5 attatchment sites flanking this sequence came from Yang, L. et al. Nat. Methods 11, 1261-1266 (2014). This cassete was previously synthesized in pBluescript II SK(-) and after cloned using HindIII and BamHI replacing the forward CaMV 35S promoter sequence from a 35S-GFP plasmid construction of Chiu, W. et al. Curr. Biol. 6, 325-330 (1996).

Plasmid Name: INCTbiosyn-p35S(rc)2_4_5-GFP

Record Creation Time: 20220422T221709+0000

Record Last Update: 20260815T080436+0000

Ratings and Alerts

No rating or validation information has been found for INCTbiosyn-p35S(rc)2_4_5-GFP.

No alerts have been found for INCTbiosyn-p35S(rc)2_4_5-GFP.

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 dkNET .

de Oliveira MA, et al. (2024) Protocol for the establishment of a serine integrase-based platform for functional validation of genetic switch controllers in eukaryotic cells. PloS one, 19(5), e0303999.