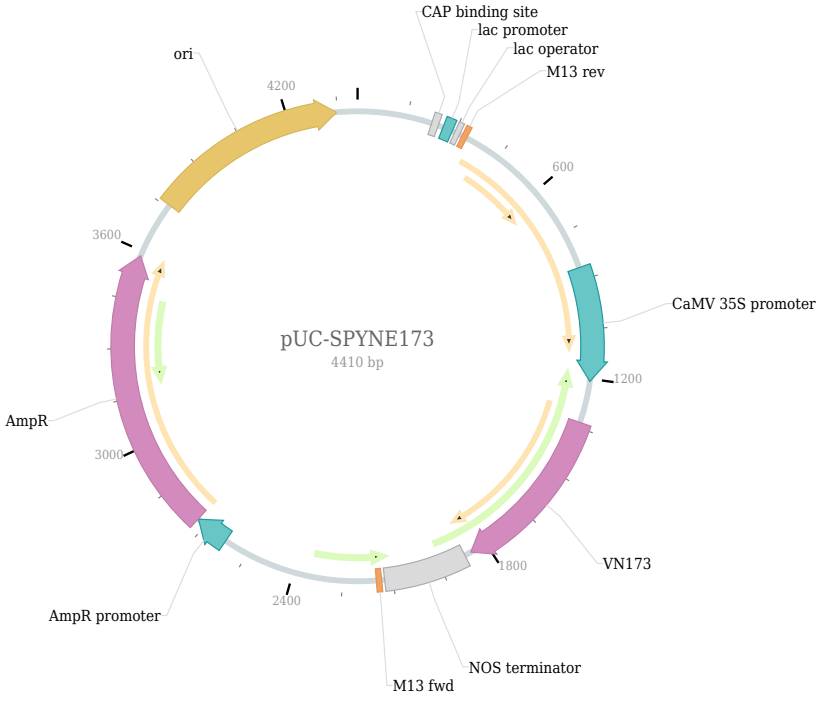
pUC-SPYNE173

Vector ID	V013401
Antibiotic Resistance	Ampicillin
Length	4410 bp
Vector Type	Bioluminescence resonance energy transfer (BRET)
Host	Plants

Product Information

Replication Origin	ori
Promoter	CaMV35S(long)
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pUC-SPYNE173 is a plant BiFC vector expressing the N-terminal YFP fragment (SPYNE, residues 1-173) with a c-myc tag from the CaMV 35S promoter on a pUC19 backbone. Interaction of two fusion proteins reconstitutes YFP fluorescence; pairs with pUC-SPYCE(M) (Walter et al. 2004).

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.