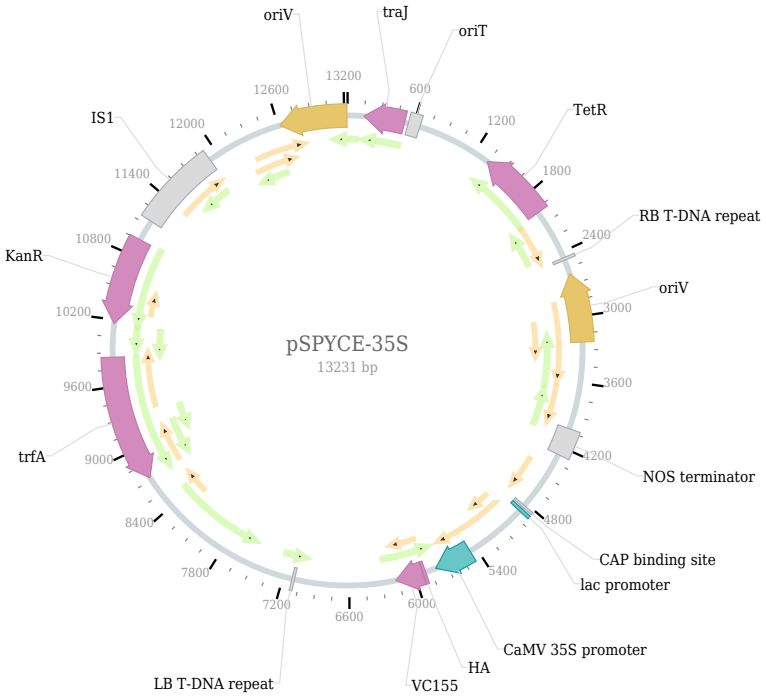
pSPYCE-35S

Vector ID	V015149
Antibiotic Resistance	Kanamycin
Length	13231 bp
Vector Type	Bioluminescence resonance energy transfer (BRET)
Host	Plants

Product Information

Replication Origin	oriV
Selection Marker	Neo/G418
Promoter	CaMV35S(long)
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pSPYCE-35S (13.2 kb) is a binary vector for plant transformation. It uses the CaMV 35S promoter to express a VC155-tagged protein, flanked by T-DNA borders for genomic integration. Includes KanR (plant), TetR (bacteria), plus trfA, oriV, traJ, and oriT for replication and conjugation in Agrobacterium.

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 ℃.