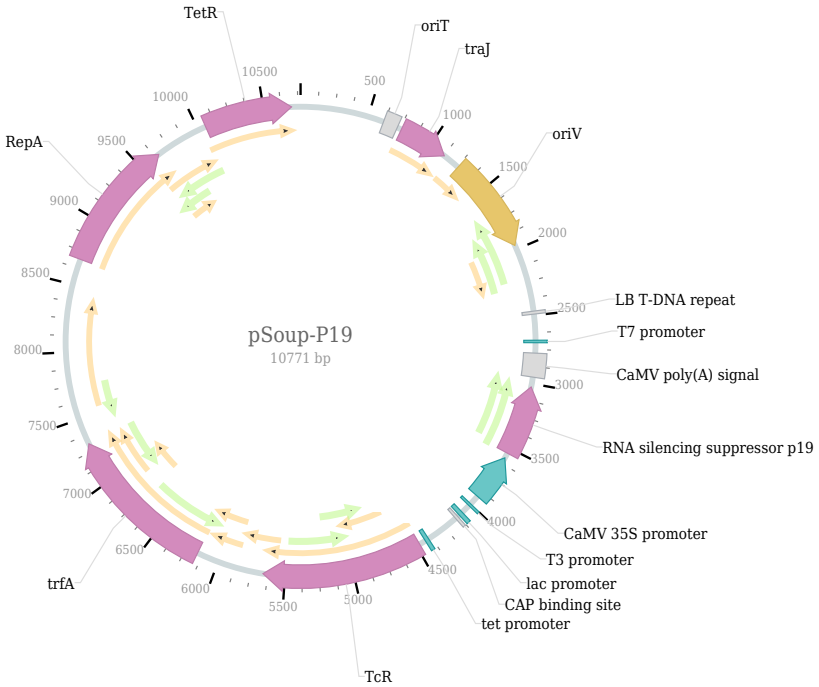
pSoup-P19

Vector ID	V014964
Accession ID	pSoup+P19; pSoupP19
Antibiotic Resistance	Tetracycline
Length	10771 bp
Vector Type	Packaging assistance
Host	Plants

Product Information

Replication Origin	oriV
Promoter	CaMV 35S
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pSoup-P19 is an Agrobacterium helper plasmid of the pGreen binary vector system supplying RepA in trans for pGreen replication, with an added P19 expression cassette. P19, the tomato bushy stunt virus silencing suppressor, boosts transient expression several-fold during co-infiltration of Nicotiana benthamiana leaves.

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 ℃.