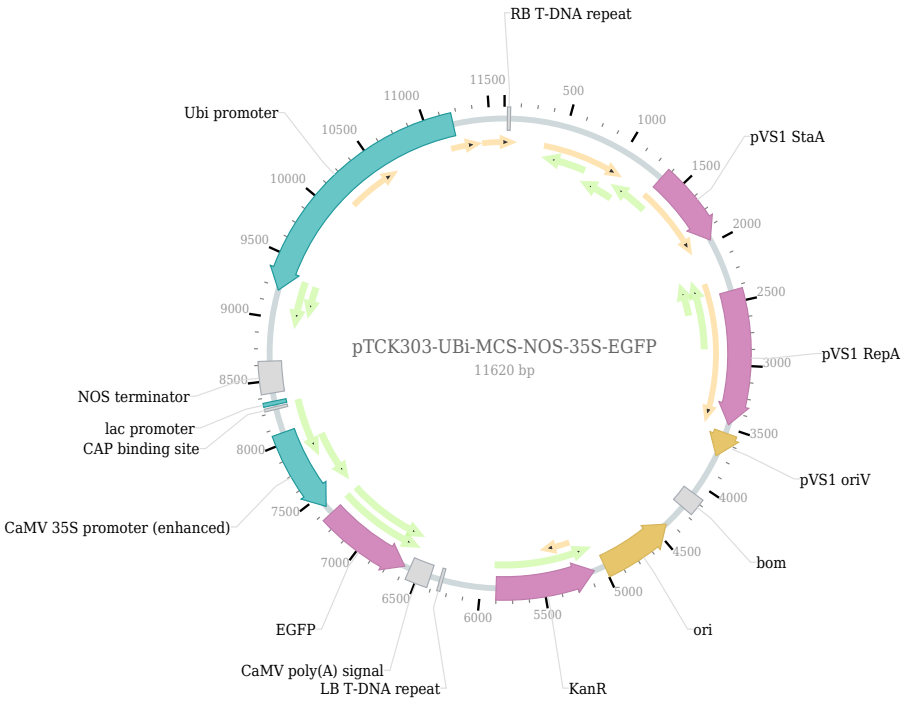
pTCK303-UBi-MCS-NOS-35S-EGFP

Vector ID	V014081
Antibiotic Resistance	Kanamycin
Length	11620 bp
Vector Type	RNA interference
Host	Plants

Product Information

Replication Origin	ori
Promoter	CaMV 35S (enhanced)
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pTCK303-UBi-MCS-NOS-35S-EGFP is an Agrobacterium binary RNAi/expression vector for monocots such as rice: a maize ubiquitin promoter drives the insert cloned into the MCS and is terminated by NOS, and a separate CaMV 35S–EGFP cassette permits fluorescent screening of transformants. Hygromycin selection in plants, kanamycin in E. coli.

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 ℃.