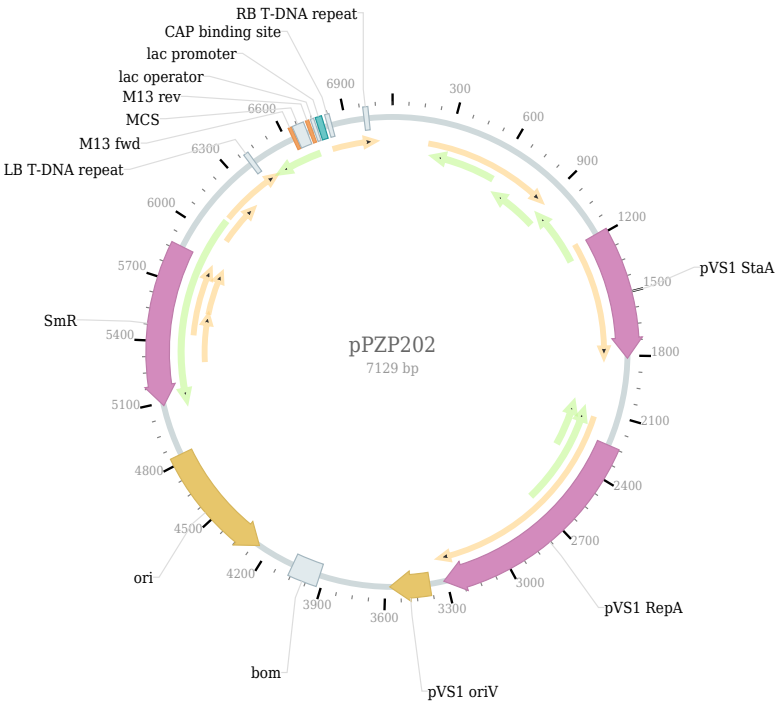
pPZP202

Vector ID	V010828
Antibiotic Resistance	Streptomycin
Length	7129 bp
Vector Type	Plant Vectors

Product Information

Replication Origin	ori
Source/Author	Hajdukiewicz P, Svab Z, Maliga P.
Copy Number	High copy number
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Temperature	37℃
Comment	pPZP202 (7.1 kb) is an Agrobacterium binary vector for plant transformation. It carries left and right T-DNA borders for transferring genes into plant genomes, a multiple cloning site (MCS) for gene insertion, and a spectinomycin-resistance gene for bacterial selection. The vector also includes lac promoter/operator, CAP binding site, M13 fwd/rev priming sites, and a pUC ori for high-copy replication 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 ℃.