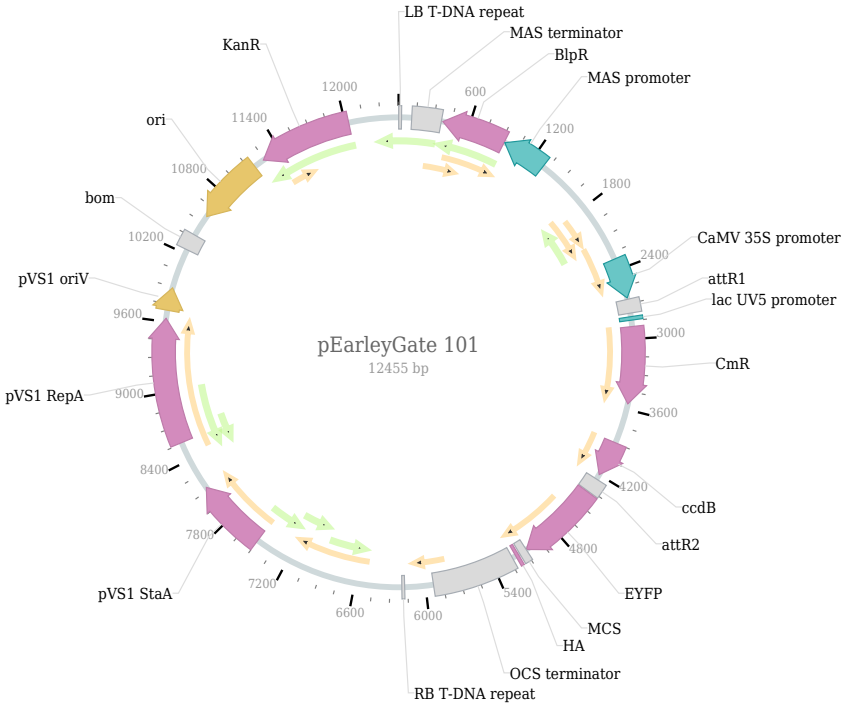
pEarleyGate 101

Vector ID	V010865
Antibiotic Resistance	Kanamycin
Length	12455 bp
Vector Type	Plant Vectors

Product Information

Replication Origin	ori
Source/Author	Earley KW, Haag JR, Pontes O, Opper K, Juehne T, Song K, Pikaard CS.
Copy Number	High copy number
Promoter	MAS
Growth Strain(s)	DB3.1
Growth Temperature	37℃
Comment	The pEarleyGate 101 is a Gateway-compatible plant transformation vector with YFP and HA C-terminal tags.

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 ℃.