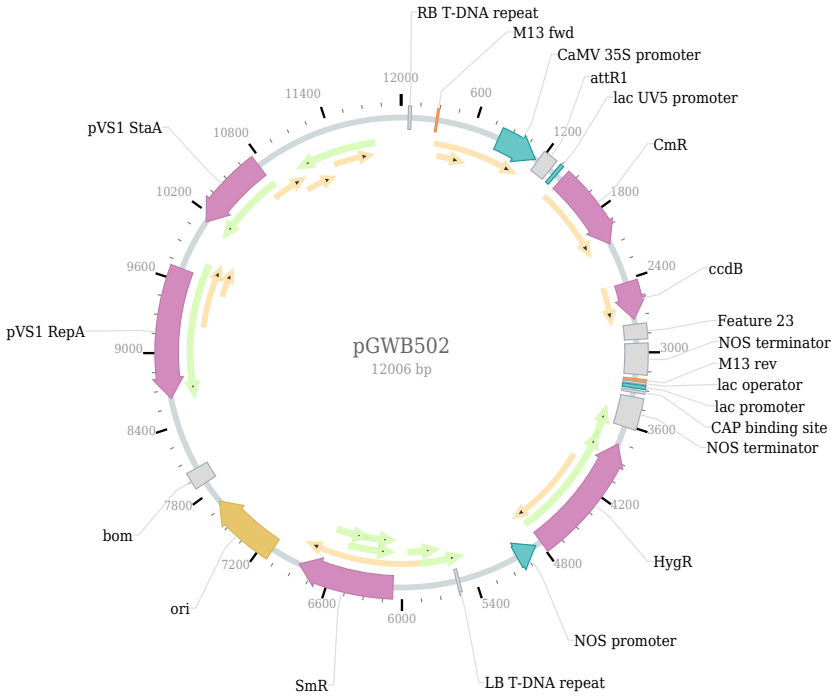
pGWB502

Vector ID	V005801
Antibiotic Resistance	Chloramphenicol
Length	12006 bp
Vector Type	Gateway binary vector
Host	Plants

Product Information

Replication Origin	ori
Source/Author	Nakagawa T, Suzuki T, Murata S, Nakamura S, Hino T, Maeo K, Tabata R, Kawai T, Tanaka K, Niwa Y, Watanabe Y, Nakamura K, Kimura T, Ishiguro S.
Promoter	CaMV35S(long)
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pGWB502, a Gateway binary vector for plants, has a modified CaMV35S promoter for high constitutive expression, carries a hygromycin-resistant marker, enabling easy cloning and secondary transformation.

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 ℃.