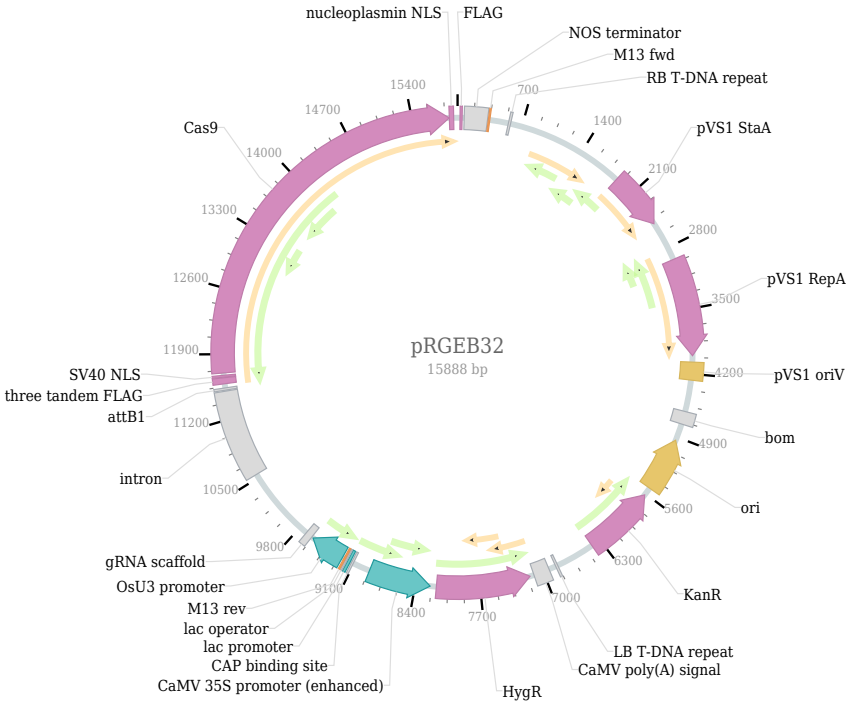
pRGEB32

Vector ID	V012734
Antibiotic Resistance	Kanamycin
Length	15888 bp
Vector Type	Plant Vectors
Host	Plants

Product Information

Replication Origin	ori
Source/Author	Yinong Yang
Selection Marker	Hygromycin
Copy Number	High copy number
Promoter	CaMV 35S (enhanced)
Growth Strain(s)	JM108
Growth Temperature	37℃
Comment	Express sgRNA/PTG with rice snoRNA U3 promoter and Cas9 with rice ubiquitin promoter for Agrobacterium-mediated 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 ℃.