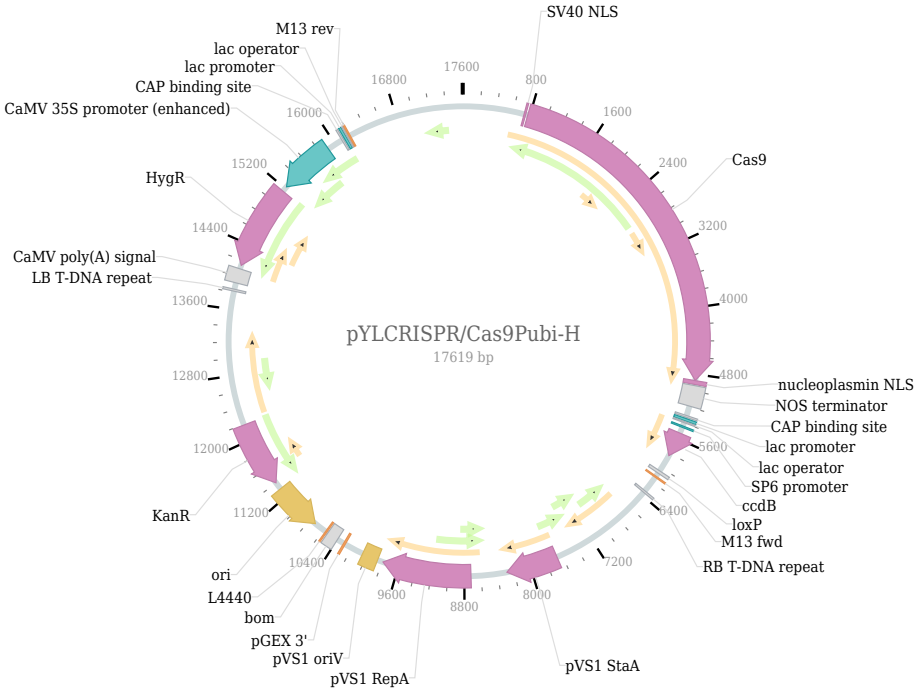
pYLCRISPR/Cas9Pubi-H

Vector ID	V010712
Antibiotic Resistance	Kanamycin
Length	17619 bp
Vector Type	Plant Expression

Product Information

Replication Origin	ori
Selection Marker	Hygromycin
Promoter	CaMV35S(enhanced)
5' Primer	M13pUC-Rev
3' Primer	NOSterm-R attgccaaatgtttgaacga
Growth Strain(s)	DB3.1
Comment	The pYLCRISPR/Cas9Pubi-H is for expression of Cas9 in plants, cauliflower mosaic virus 35S promoter (P35S), hygro selection. There is a similar vector, pYLCRISPR/Cas9Pubi-B (V012172), with basta selection.

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 ℃.