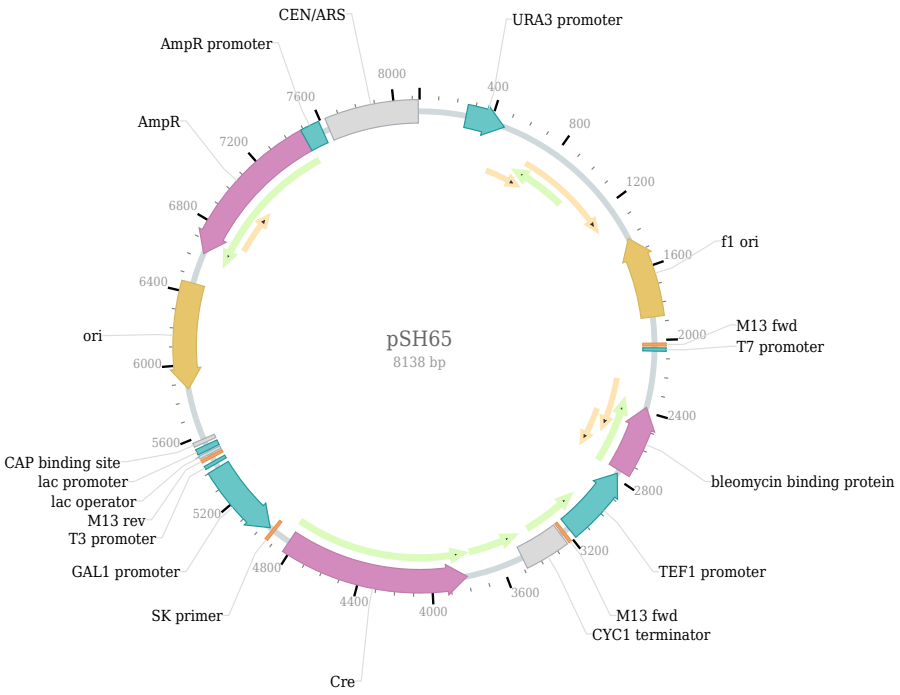
pSH65

Vector ID	V006783
Antibiotic Resistance	Ampicillin
Length	8138 bp
Vector Type	Yeast Knockout Vectors

Product Information

Replication Origin	ori
Selection Marker	delta-ura3
Copy Number	High copy number
Promoter	GAL1
Cloning Method	Enzyme digestion and ligation
Comment	pSH65 is a yeast Cre recombinase expression plasmid for loxP-mediated marker recycling (Gueldener et al. 2002): GAL1 promoter-driven cre with CYC1 terminator and phleomycin (ble) selection. Galactose induction transiently expresses Cre to excise loxP-flanked markers in prototrophic S. cerevisiae strains.

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 ℃.