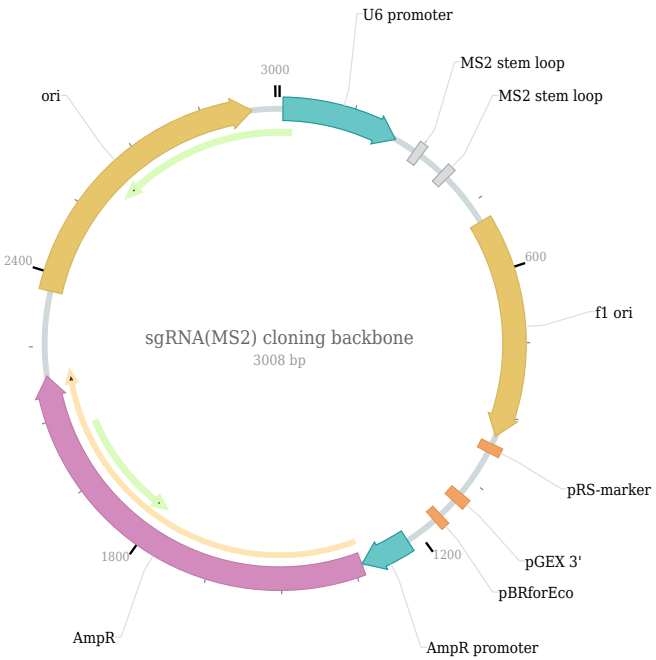
sgRNA(MS2) cloning backbone

Vector ID	V000235
Antibiotic Resistance	Ampicillin
Length	3008 bp
Vector Type	Mammalian Expression, CRISPR

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	U6
Cloning Method	Restriction Enzyme
5' Primer	CACCTCTGACTTGAGCGTCGATTTTTGTG
3' Primer	CCCGCCGCGCTTAATGC
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	sgRNA(MS2) cloning backbone is a sgRNA cloning backbone with MS2 loops at tetraloop and stemloop 2. Contains BbsI sites for insertion of spacer sequences.

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 ℃.