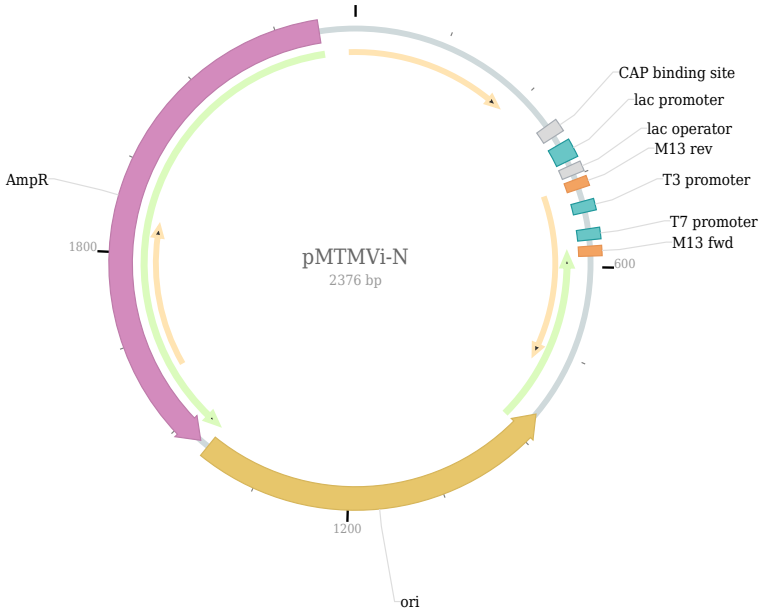
pMTMVi-N

载体编号 Vector ID	V016603
抗性 Antibiotic Resistance	Ampicillin
长度 Length	2376 bp
载体类型 Vector Type	Gene template
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	T3
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	pMTMVi-N is a 2376 bp minimal intermediate TMV entry plasmid with ampicillin resistance. It adopts Gibson assembly to rapidly insert target gene ORFs and supports fusion with peptide tags, carrying LacZ for blue-white screening. Its modified TMV fragment replaces most coat protein sequence, generating non-systemic recombinant viral clones after subcloning into pGTMV. Digestion with BsaI or PCR amplifies its edited viral segment for a second Gibson assembly into the TMV infectious binary vector pGTMV.

质粒图谱



复溶方法

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 ℃.