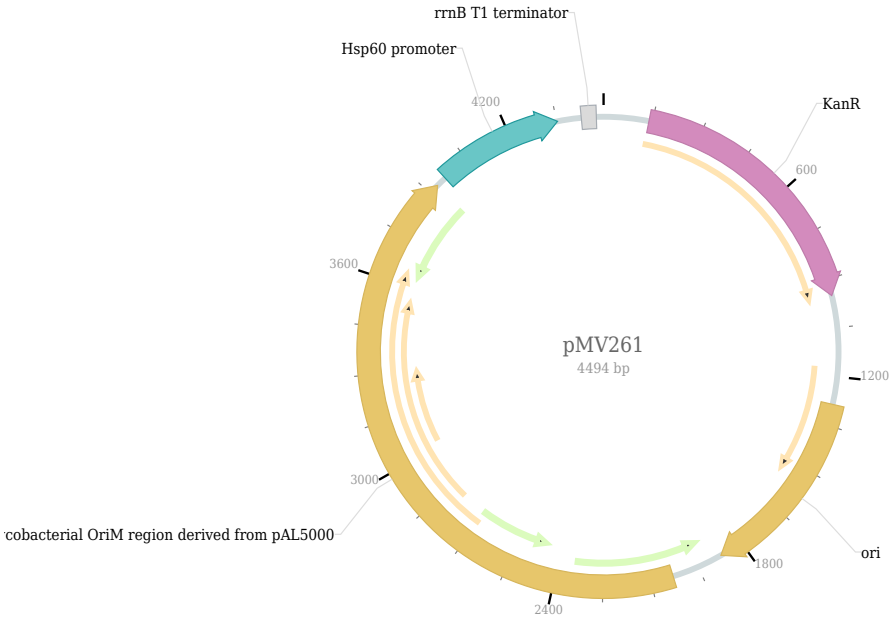
pMV261

载体编号 Vector ID	V012795
抗性 Antibiotic Resistance	Kanamycin
长度 Length	4494 bp
载体类型 Vector Type	Mycobacterium Expression Vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Stover et al., 1991 Nature 351:456
拷贝数 Copy Number	High copy number
启动子 Promoter	Hsp60
克隆方法 Cloning Method	Enzyme Cut
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	Plasmid DNA pMV261 is a replicative vector (multicopy, extrachromosomal) that contains a DNA cassette encoding kanamycin resistance (Tn903-derived aph gene), an E. coli origin of replication (oriE), a mycobacterial plasmid DNA origin of replication (oriM), an expression cassette containing a mycobacterial promoter, a multiple cloning site, and a transcriptional terminator.

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 ℃.