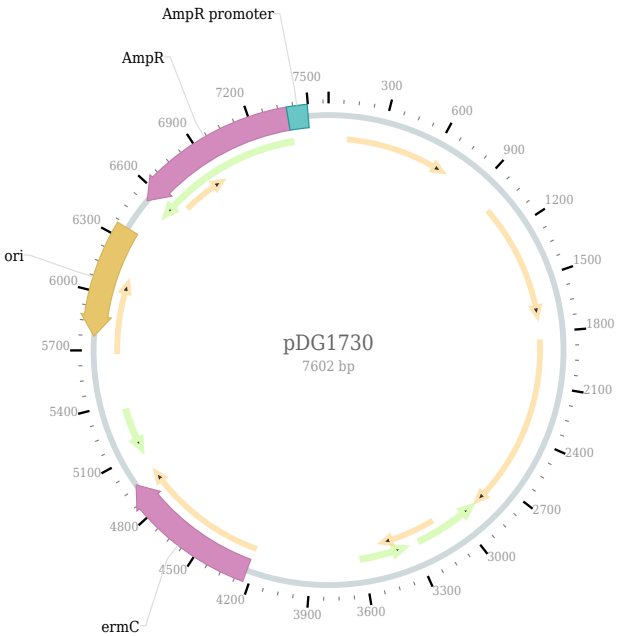
pDG1730

载体编号 Vector ID	V013318
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7602 bp
载体类型 Vector Type	Protein expression
宿主 Host	Bacillus subtilis

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Ery,Spe
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pDG1730 is an integrative expression plasmid for Bacillus subtilis. Its main function is to integrate exogenous genes into the amyE locus of the genome via double-crossover homologous recombination, while disrupting the host's own amylase gene, thereby facilitating the screening of positive clones using the starch degradation phenotype.

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 ℃.