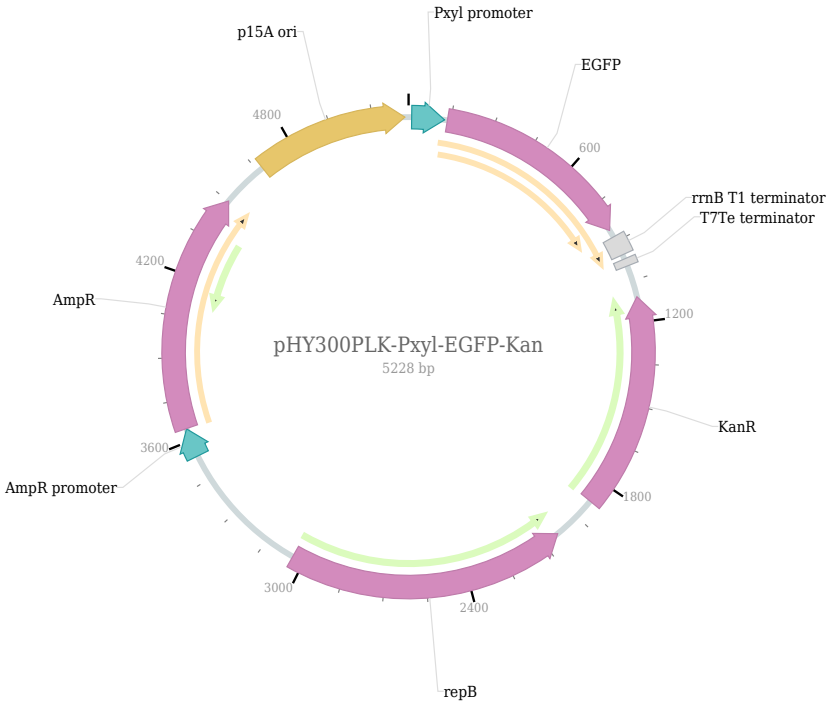
pHY300PLK-Pxyl-EGFP-Kan

载体编号 Vector ID	V013979
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5228 bp
载体类型 Vector Type	Protein expression
宿主 Host	Bacillus subtilis

产品信息

复制子 Replication Origin	p15A ori
启动子 Promoter	Pxyl
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pHY300PLK-Pxyl-EGFP-Kan is a derivative of the E. coli/B. subtilis shuttle vector pHY300PLK (Ishiwa & Shibahara 1985) engineered with the xylose-inducible Pxyl promoter driving EGFP. The parental backbone carries tetracycline resistance functional in both hosts plus ampicillin for E. coli; this construct adds a kanamycin marker for selection in B. subtilis.

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 ℃.