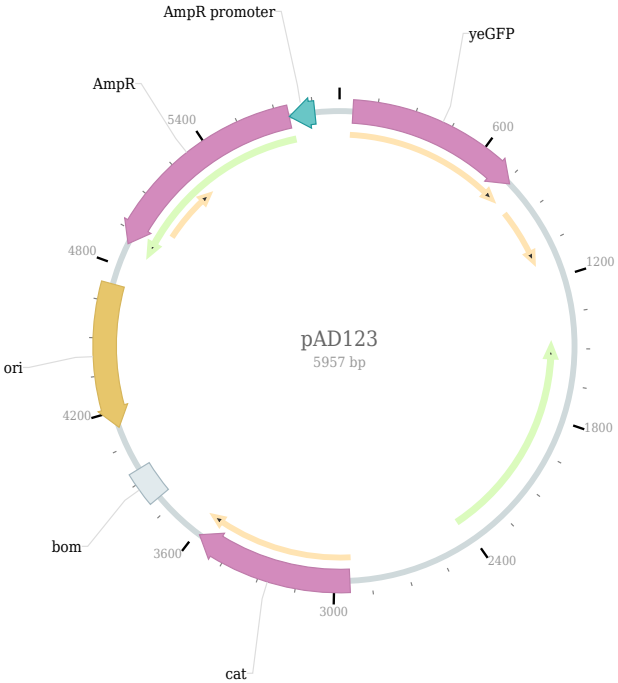
pAD123

Vector ID	V012860
Antibiotic Resistance	Ampicillin
Length	5957 bp
Vector Type	Protein expression
Host	Bacillus subtilis

Product Information

Replication Origin	ori
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pAD123 is a promoter-trap plasmid for Bacillus cereuscontaining a promoterless gene encoding the GFPmut3a mutant, optimized for fluorescence-activated cell sorting. It replicates in E. coli and B. cereus, conferring ampicillin resistance, and is used to identify regulatory 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 ℃.