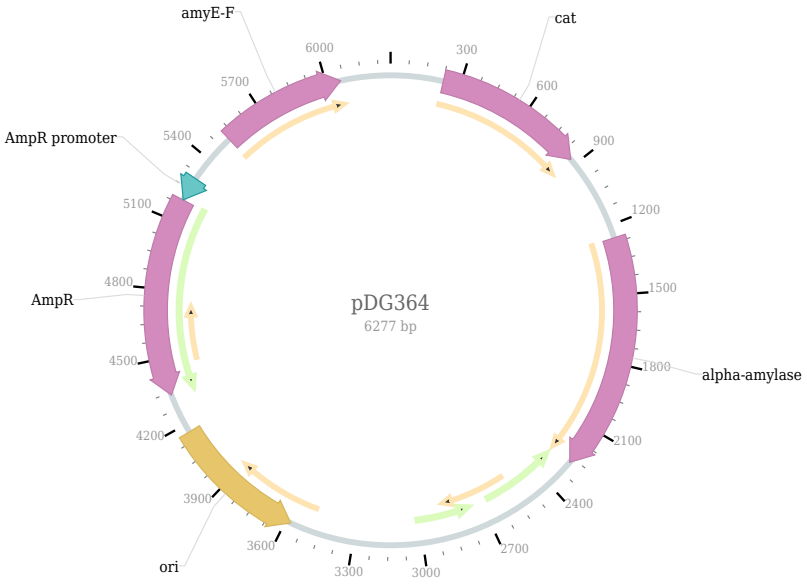
pDG364

Vector ID	V013018
Antibiotic Resistance	Ampicillin
Length	6277 bp
Vector Type	Protein expression
Host	Bacillus subtilis

Product Information

Replication Origin	ori
Selection Marker	Chl
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The plasmid pDG364 is a protein expression vector designed for use in Bacillus subtilis. With a size of 6257 bp, it features an ampicillin resistance gene (AmpR) for selection in prokaryotic systems and is primarily used for recombinant protein expression in its bacterial host.

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 ℃.