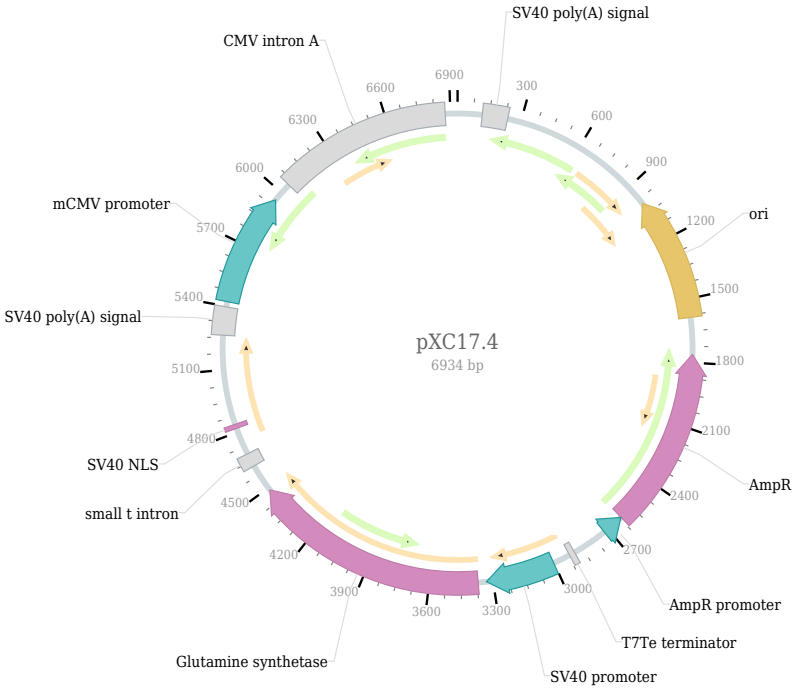
pXC17.4

Vector ID	V014286
Accession ID	pXC-17.4
Antibiotic Resistance	Ampicillin
Length	6934 bp
Host	Broad host

Product Information

Replication Origin	ori
Copy Number	High copy number
Promoter	mCMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pXC17.4 is a high-copy-number, broad-host-range plasmid vector. It features an ampicillin resistance gene (AmpR), utilizes the mCMV promoter, and contains an SV40 poly(A) signal. It is commonly used in antibody engineering and drug development for constructing expression vectors.

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 ℃.