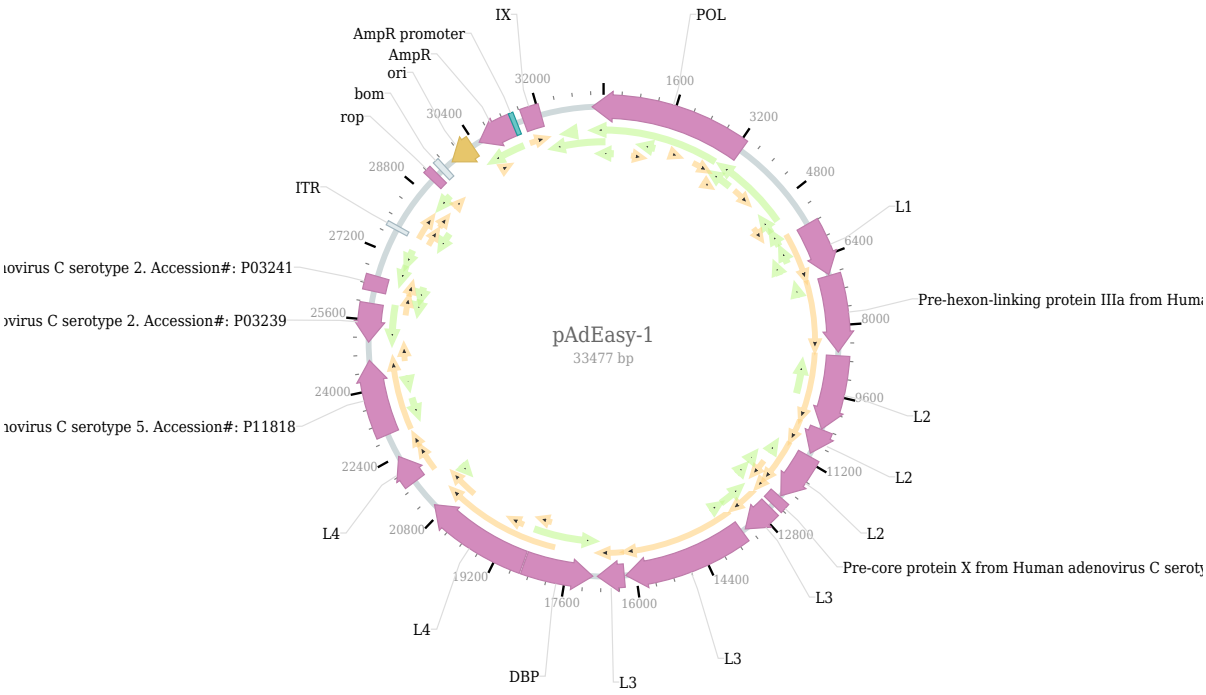
pAdEasy-1

Vector ID	V012970
Antibiotic Resistance	Ampicillin
Length	33477 bp
Vector Type	Packaging assistance
Host	Mammalian cells, Adenovirus

Product Information

Replication Origin	ori
Source/Author	Tong-Chuan He
Copy Number	Low
Growth Strain(s)	DH10B
Growth Temperature	30℃
Comment	pAdEasy-1 is an adenoviral vector plasmid derived from human adenovirus serotype 5 (Ad5), with the E1 and E3 genes deleted to accommodate foreign DNA inserts of up to 7.5 kb. It has a plasmid size of 33,477 bp and carries an ampicillin resistance gene for prokaryotic selection.

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 ℃.