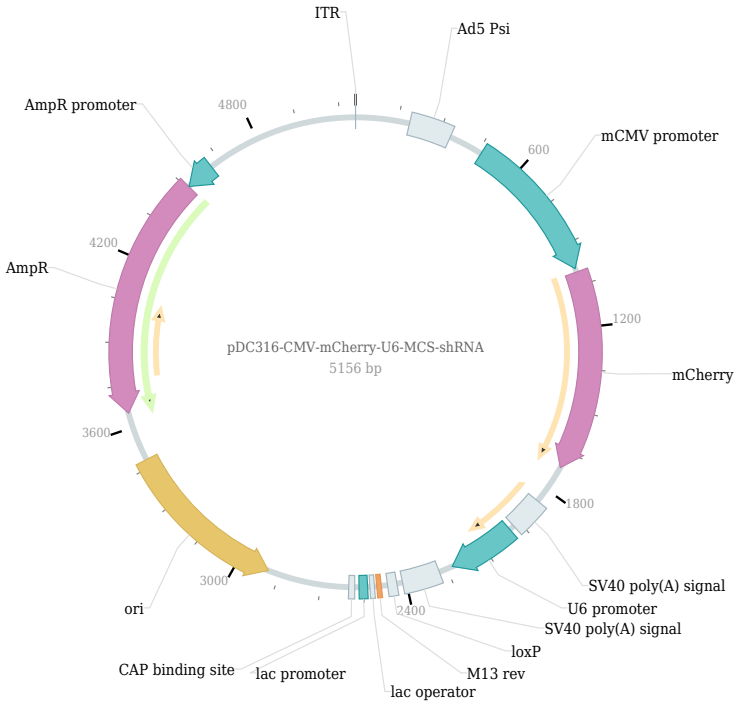
pDC316-CMV-mCherry-U6-MCS-shRNA

Vector ID	V014811
Antibiotic Resistance	Ampicillin
Length	5156 bp
Vector Type	RNA interference
Host	Mammalian cells, Adenovirus

Product Information

Replication Origin	ori
Promoter	mCMV
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pDC316-CMV-mCherry-U6-MCS-shRNA is an adenoviral E1 shuttle vector with mCMV promoter driving mCherry and U6 promoter for shRNA expression, for recombinant adenovirus-mediated gene knockdown and fluorescent tracking.

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 ℃.