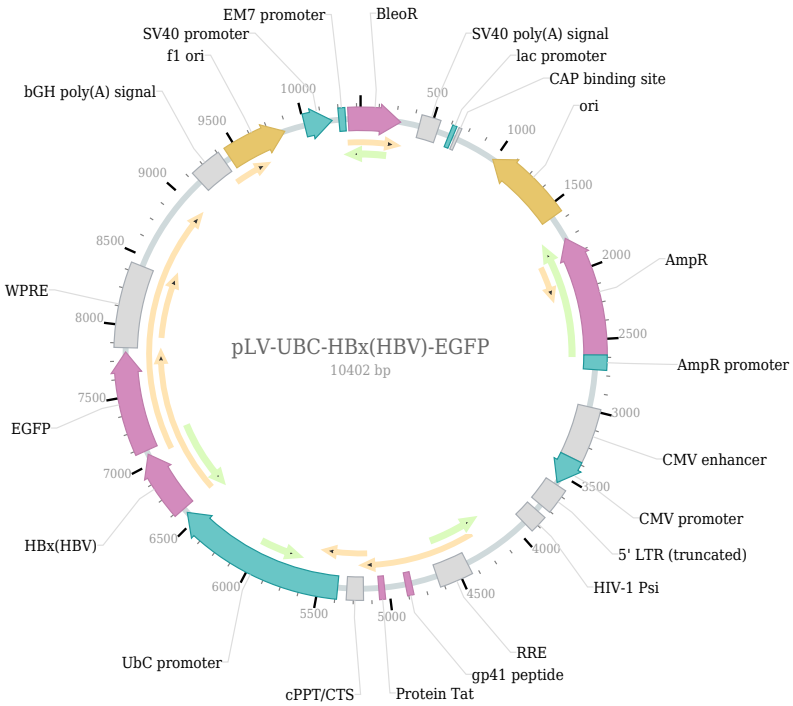
pLV-UBC-HBx(HBV)-EGFP

Vector ID	V014723
Antibiotic Resistance	Ampicillin
Length	10402 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Zeo
Promoter	UbC
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	pLV-UBC-HBx(HBV)-EGFP is a lentiviral overexpression vector in which the human ubiquitin C (UBC) promoter drives hepatitis B virus X protein (HBx), a regulatory protein implicated in hepatocarcinogenesis, with EGFP as reporter. It supports studies of HBx-mediated signaling and gene regulation in hepatoma and other cell lines; AmpR, Stbl3 propagation.

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 ℃.