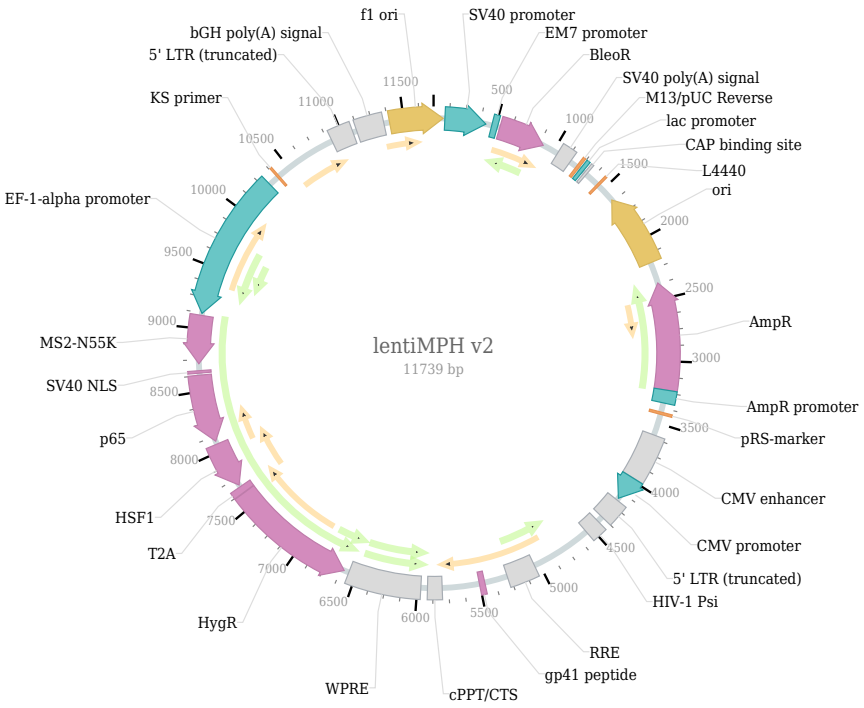
lentiMPH v2

Vector ID	V006671
Antibiotic Resistance	Ampicillin
Length	11739 bp
Vector Type	Mammalian Expression, Lentiviral

Product Information

Replication Origin	ori
Selection Marker	Hygromycin
Copy Number	High Copy
Promoter	EF-1α core
Cloning Method	Restriction Enzyme
5' Primer	cacatagcgtaaaaggagcaacatag
3' Primer	GTTTGGATCTTGGTTCATTCTCAAGCCTCAG
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	lentiMPH v2 is a lenti vector encoding the MS2-P65-HSF1 activator helper complex with a 2A Hygro resistance marker (EF1a-MS2-p65-HSF1-2A-Hygro-WPRE). This version has a higher virus titer than the first one.

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 ℃.