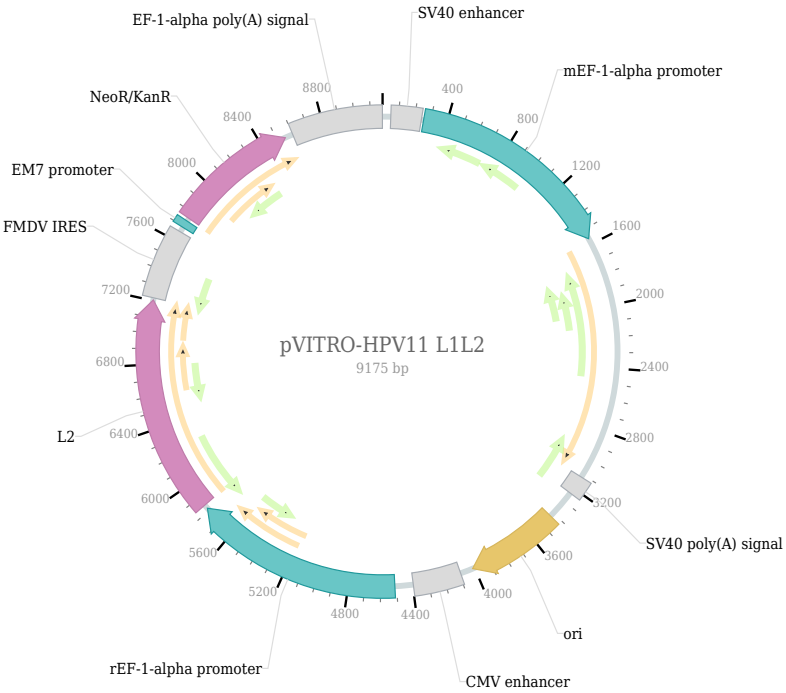
pVITRO-HPV11 L1L2

Vector ID	V012138
Antibiotic Resistance	Kanamycin
Length	9175 bp
Vector Type	Mammalian Expression

Product Information

Replication Origin	ori
Source/Author	Richard Roden
Selection Marker	Neomycin (select with G418)
Copy Number	High Copy
Promoter	mEF-1α
Cloning Method	Restriction Enzyme
5' Primer	GCCTCTTAGCGGTTCAAAGG
3' Primer	CAAAGGTATTTTCTAAACCCGTTTC
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	pVITRO-HPV11 L1L2 is a mammalian expression plasmid for producing HPV11 pseudovirions. It expresses the HPV11 L1 and L2 capsid genes from a pVITRO1-neo-mcs backbone, enabling virus-like particle assembly. The vector includes a neomycin (G418) resistance gene for mammalian selection and kanamycin resistance for bacterial 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 ℃.