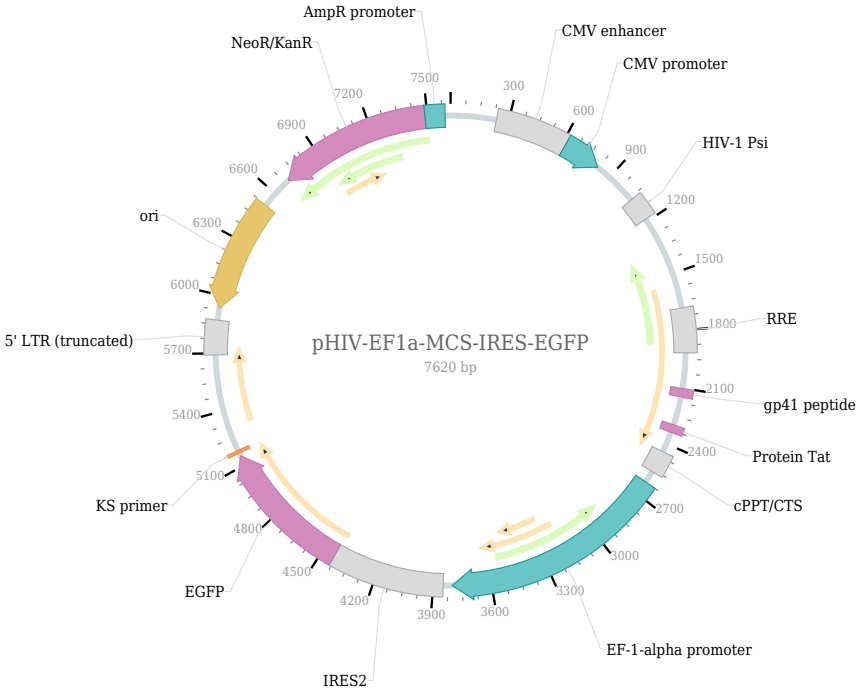
pHIV-EF1a-MCS-IRES-EGFP

Vector ID	V013682
Antibiotic Resistance	Kanamycin
Length	7620 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Promoter	EF-1α
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pHIV-EF1a-MCS-IRES-EGFP is an HIV-1-based lentiviral transfer vector in which the human EF1a promoter drives the gene of interest cloned into the MCS (HpaI/EcoRI), with an EMCV IRES linking EGFP for bicistronic reporter expression. Elements include Psi, RRE and cPPT/CTS. Kanamycin resistance; propagate in Stbl3 and package with helper plasmids.

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 ℃.