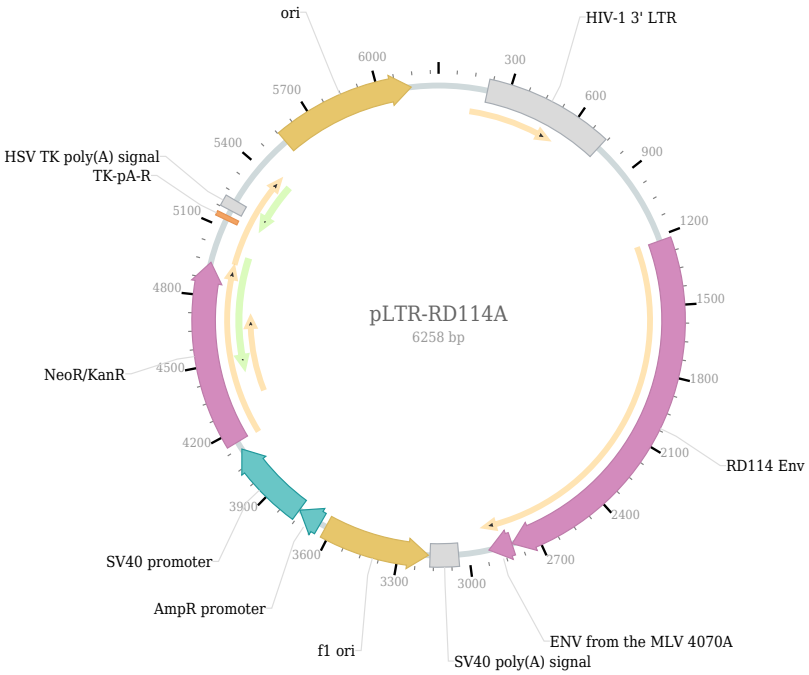
pLTR-RD114A

Vector ID	V007112
Antibiotic Resistance	Kanamycin
Length	6258 bp
Vector Type	Mammalian Expression, Lentiviral

Product Information

Replication Origin	ori
Selection Marker	Neomycin (select with G418)
Copy Number	High Copy
Promoter	SV40
Cloning Method	Restriction Enzyme
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pLTR-RD114A is a plasmid encoding the RD114 envelope glycoprotein, utilised for lentiviral vector pseudotyping. It facilitates transduction via the ASCT2 receptor for use in gene therapy research.

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 ℃.