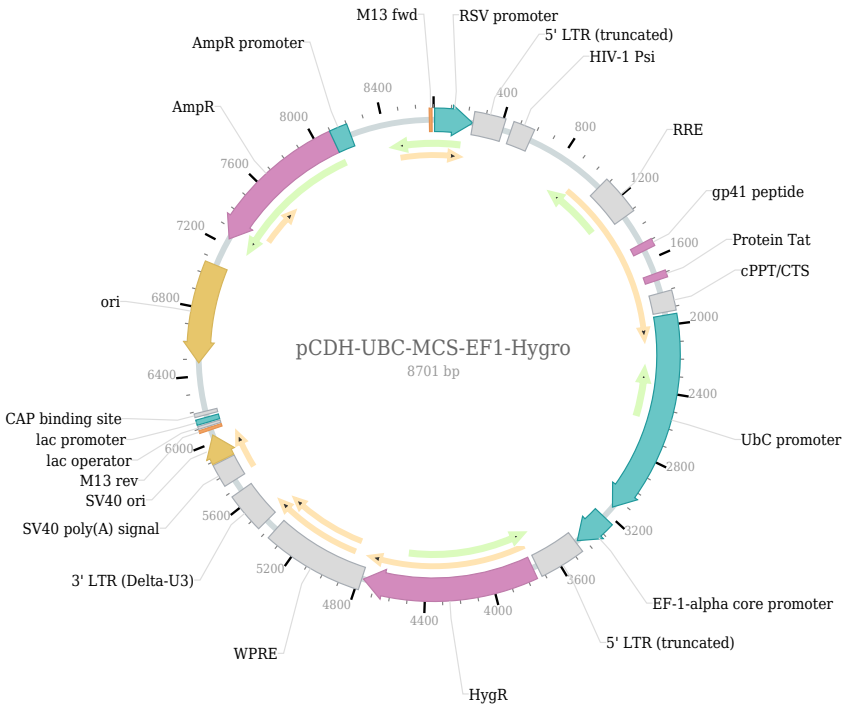
pCDH-UBC-MCS-EF1-Hygro

载体编号 Vector ID	V013291
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8701 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Oskar Laur Lab
筛选标记 Selection Marker	Hyg
拷贝数 Copy Number	High copy number
启动子 Promoter	UbC
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pCDH-UBC-MCS-EF1-Hygro is a HIV-1-based, self-inactivating lentiviral expression vector. The human UbC promoter drives a gene cloned into the MCS, while the EF1α core promoter drives HygR for mammalian selection. It contains cPPT/CTS, RRE and WPRE elements and a ΔU3 3' LTR, plus a pUC ori and AmpR for E. coli. Propagate in Stbl3 or NEB Stable to limit LTR recombination; viral particles require packaging plasmids.

质粒图谱



复溶方法

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 ℃.