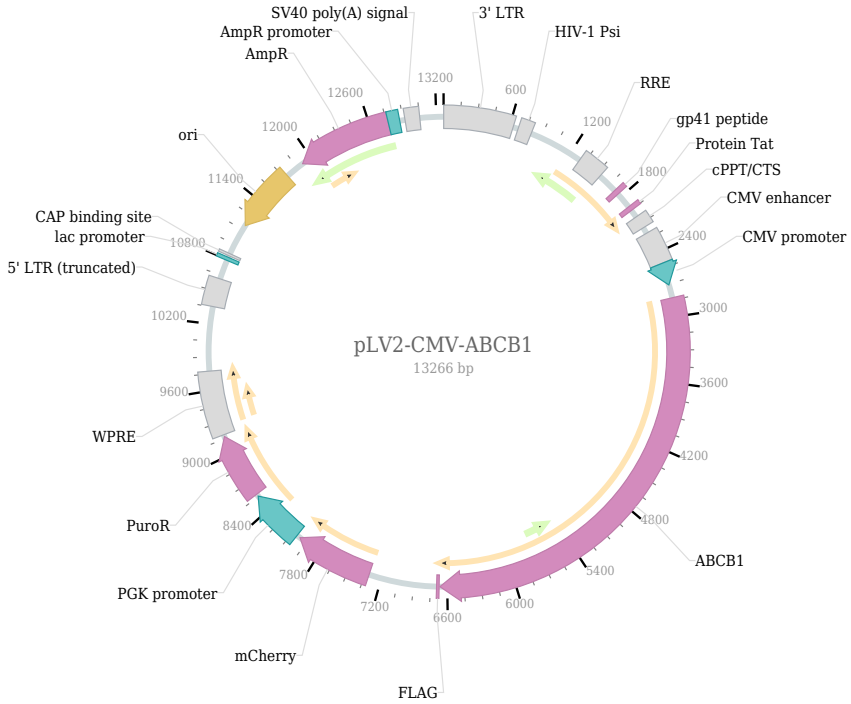
pLV2-CMV-ABCB1

载体编号 Vector ID	V014932
抗性 Antibiotic Resistance	Ampicillin
长度 Length	13266 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
筛选标记 Selection Marker	Puro
启动子 Promoter	mPGK
5' 引物 5' Primer	CMV-F
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pLV2-CMV-ABCB1 is a pLV2-based lentiviral vector overexpressing human ABCB1 (P-glycoprotein/MDR1), the ATP-binding cassette efflux transporter responsible for multidrug resistance in cancer chemotherapy, under the CMV promoter. Useful for modeling drug resistance and transporter studies; AmpR with Stbl3 propagation for lentiviral packaging.

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 ℃.