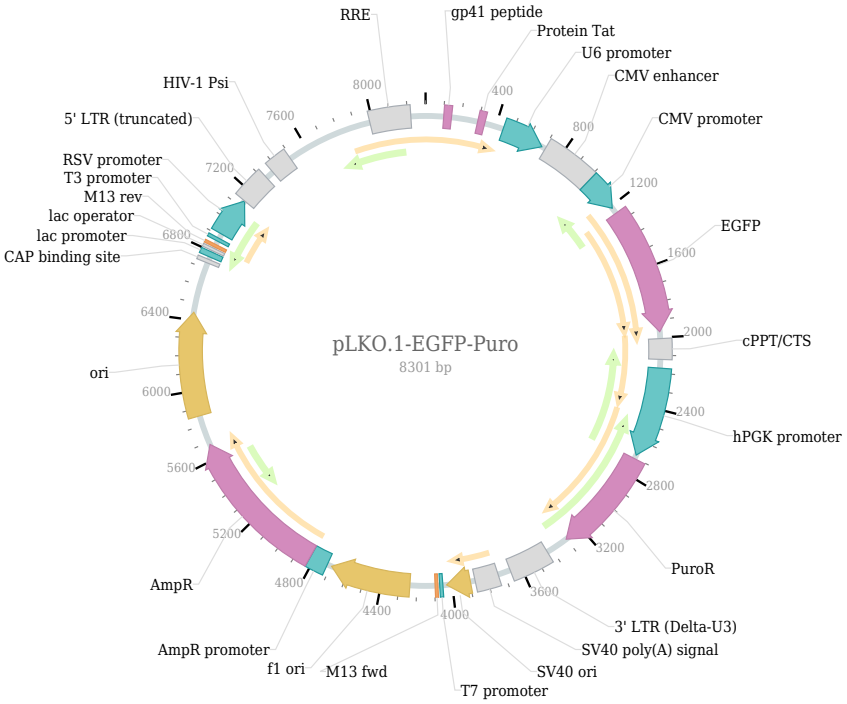
pLKO.1-EGFP-Puro

载体编号 Vector ID	V012838
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8301 bp
载体类型 Vector Type	Viral Expression & Packaging Vectors

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High copy number
启动子 Promoter	hPGK
克隆方法 Cloning Method	Enzyme Cut
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pLKO. 1-EGFP-Puro is a 3rd-generation, self-inactivating (SIN) lentiviral transfer vector from the RNAi Consortium (TRC) / Broad Institute lineage — it's the classic pLKO.1 backbone, but with EGFP (enhanced GFP) as a built-in fluorescent reporter, so you can visually monitor transduction efficiency in real time while still having puromycin selection to build stable silenced lines.

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 ℃.