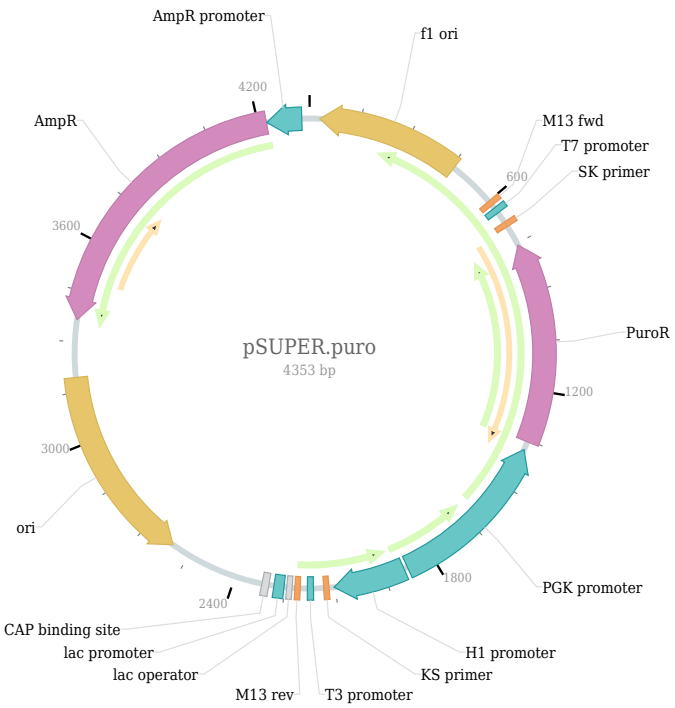
pSUPER.puro

载体编号 Vector ID	V018113
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4353 bp
载体类型 Vector Type	Mammalian Expression Vectors

产品信息

筛选标记 Selection Marker	Puromycin
拷贝数 Copy Number	High copy number
启动子 Promoter	H1
5' 引物 5' Primer	T7: AATACGACTCACTATAG
3' 引物 3' Primer	M13-R: CATGGTCATAGCTGTT
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The pSUPER.puro plasmid served as the delivery vector for NHERF1-targeting shRNA and contained a puromycin-resistance gene, enabling the generation of stable PC-3M cell lines with NHERF1 knockdown for subsequent functional analyses.

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 ℃.