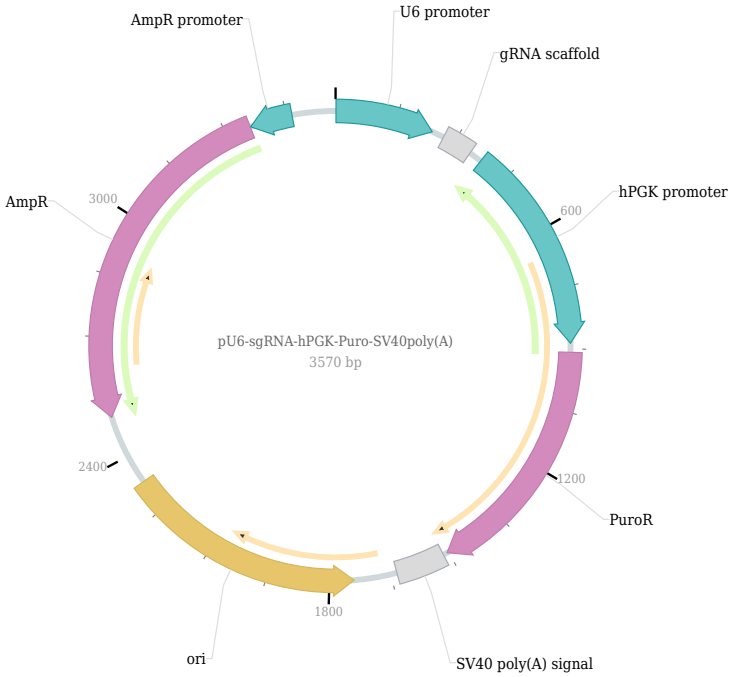
pU6-sgRNA-hPGK-Puro-SV40poly(A)

载体编号 Vector ID	V013580
抗性 Antibiotic Resistance	Ampicillin
长度 Length	3570 bp
载体类型 Vector Type	Gene knockout
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puro
启动子 Promoter	hPGK
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	pU6-sgRNA-hPGK-Puro-SV40poly(A) is a CRISPR sgRNA construct expressing the guide RNA from a U6 Pol III promoter, with hPGK-driven puromycin resistance and an SV40 poly(A) signal. Provides guide delivery and antibiotic selection for genome editing workflows in mammalian cells (Sanjana et al. 2014 lineage).

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 ℃.