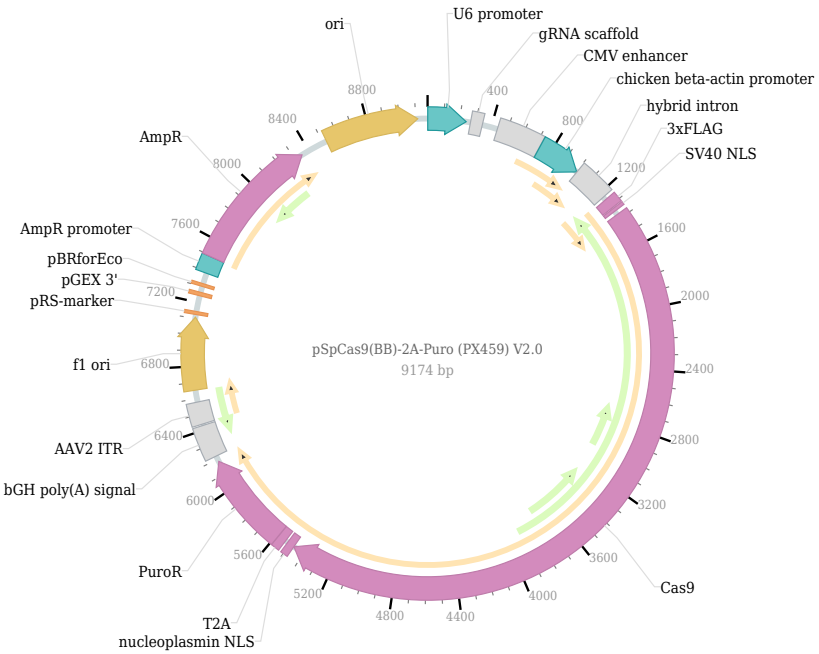
pSpCas9(BB)-2A-Puro (PX459) V2.0

载体编号 Vector ID	V007275
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9174 bp
载体类型 Vector Type	Mammalian Expression, CRISPR

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puromycin
启动子 Promoter	CBh
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	TTTATGGCGAGGCGGCGG
3' 引物 3' Primer	puro-variant-R (5'-gtgggcttgtactcggtcat-3')
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pSpCas9(BB)-2A-Puro (PX459) V2.0 is a mammalian CRISPR/Cas9 genome editing vector. It expresses Streptococcus pyogenes Cas9 and a single-guide RNA (gRNA) from the Cbh and U6 promoters, respectively. The plasmid includes a puromycin resistance gene for selection in mammalian cells and a 3xFLAG tag on Cas9 for detection.

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 ℃.