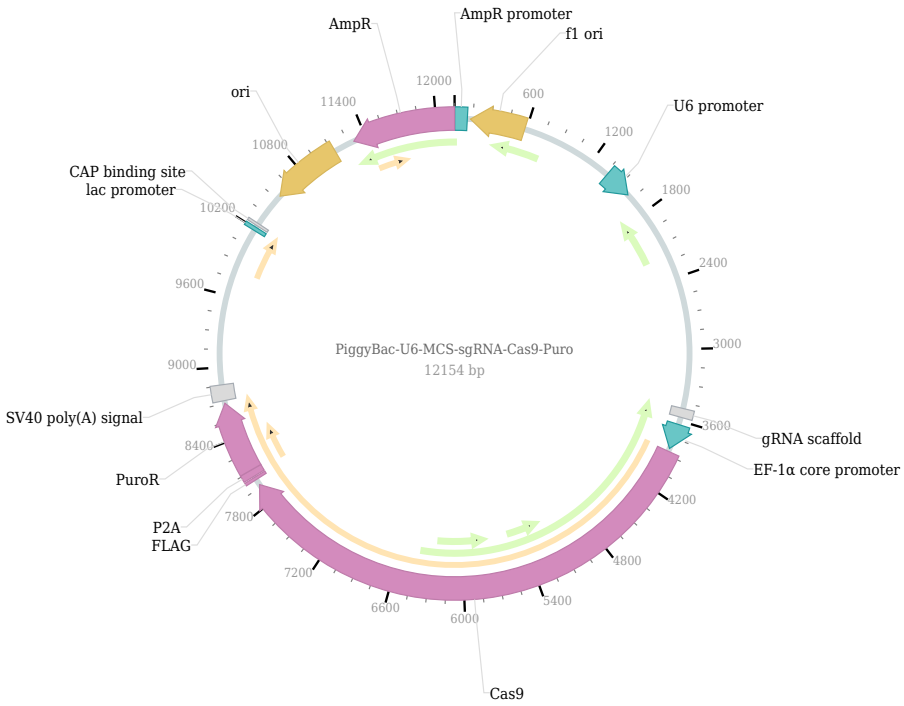
PiggyBac-U6-MCS-sgRNA-Cas9-Puro

载体编号 Vector ID	V017970
抗性 Antibiotic Resistance	Ampicillin
长度 Length	12154 bp
载体类型 Vector Type	Gene-editing vector
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	CMV
3' 引物 3' Primer	Sv40-polyA-R
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	This vector mediates CRISPRi/a in human pluripotent stem cells via PiggyBac (stable integration), U6-driven sgRNA (MCS for targets), Cas9/dCas9 regulation, and Puro selection, supporting multi-gene control.

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 ℃.