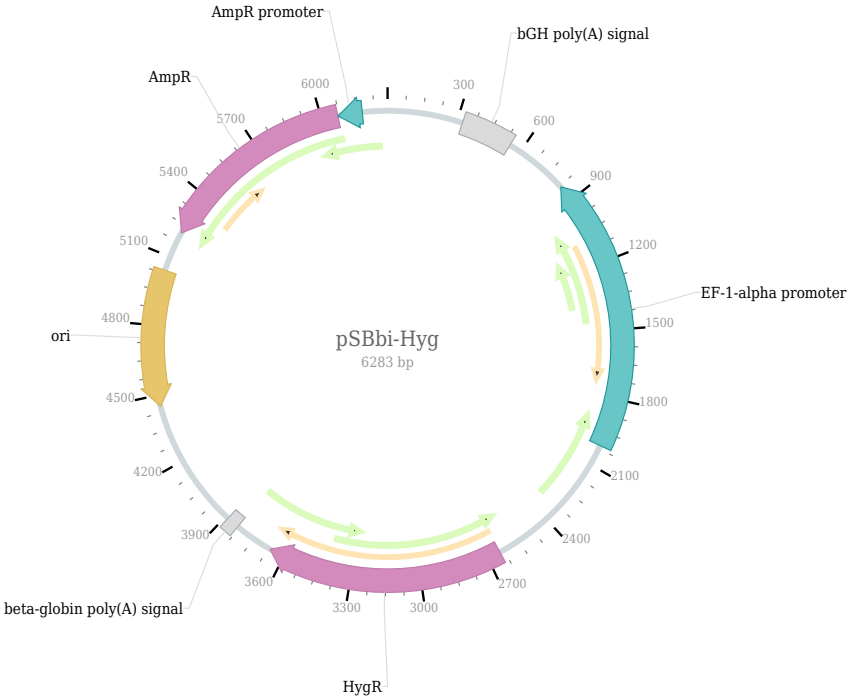
pSBbi-Hyg

载体编号 Vector ID	V014871
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6283 bp
载体类型 Vector Type	Protein expression, Transposition
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Hyg
启动子 Promoter	EF-1α
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pSBbi-Hyg is an SB transposon vector that provides a hygromycin resistance selection marker for constructing CRISPRi systems. It enables stable co-expression of dCas9-KRAB-MeCP2 with sgRNA, achieving efficient silencing of target genes.

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 ℃.