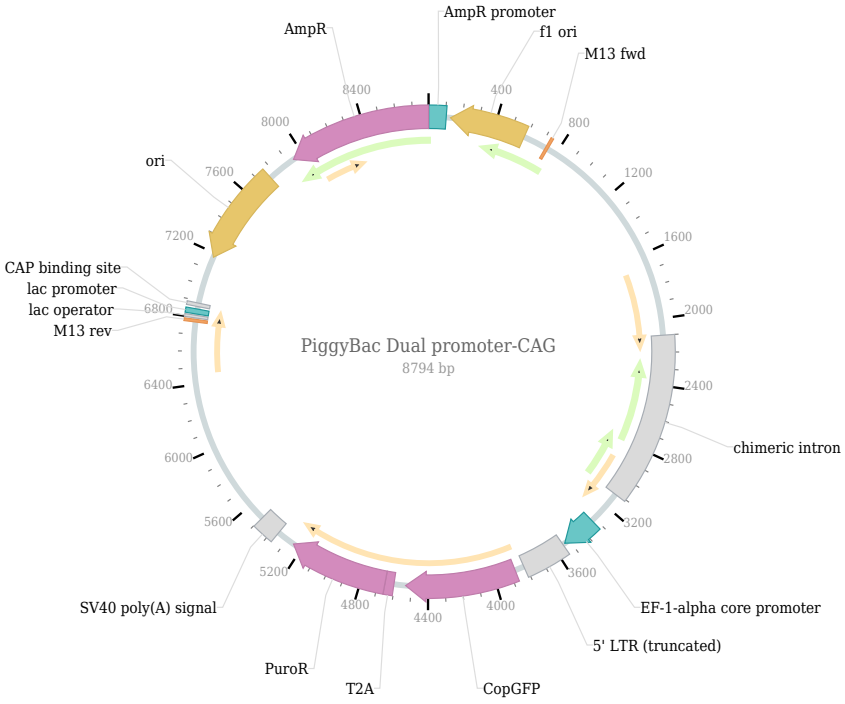
PiggyBac Dual promoter-CAG

载体编号 Vector ID	V013213
登录号 Accession ID	PB513B-1-CAG
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8794 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	Puro
启动子 Promoter	CAG
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	PiggyBac Dual promoter-CAG is an 8794-bp transposon donor vector derived from System Biosciences' PB513B-1, with the CAG promoter (Niwa et al., 1991) replacing CMV upstream of the MCS, plus EF1α-driven CopGFP-T2A-Puro (GreenPuro) selection. Co-transfected with hyperactive piggyBac transposase (Yusa et al., 2011), cargo integrates precisely at genomic TTAA sites.

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 ℃.