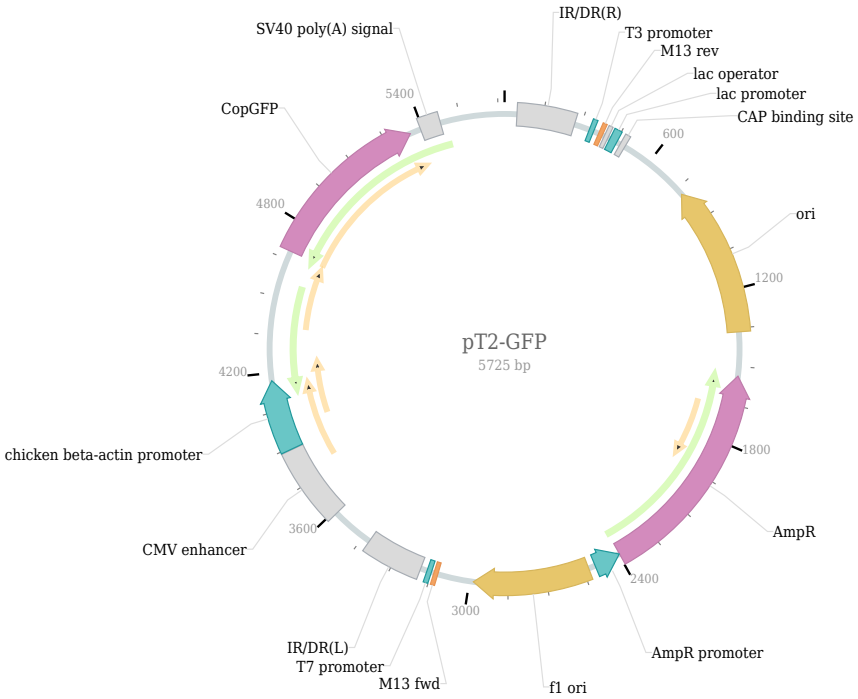
pT2-GFP

载体编号 Vector ID	V013043
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5725 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
拷贝数 Copy Number	High copy number
启动子 Promoter	chicken β-actin
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pT2-GFP is a second-generation Sleeping Beauty (SB) transposon vector, based on the T2 transposon system. Its core function is to achieve stable expression and transposon integration of exogenous genes within mammalian cells, whilst enabling direct visualisation of gene expression or cellular localisation through GFP fluorescence signalling.

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 ℃.