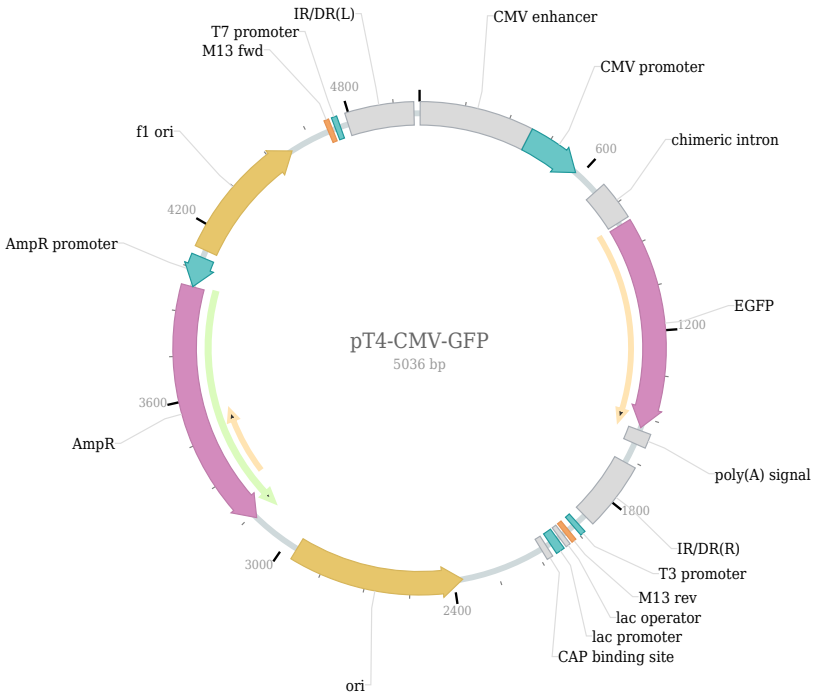
pT4-CMV-GFP

Vector ID	V017175
Antibiotic Resistance	Ampicillin
Length	5036 bp
Vector Type	Protein expression, Transposition
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pT4-CMV-GFP is an optimized Sleeping Beauty transposon vector that uses a CMV promoter to drive efficient GFP expression, with its 12DR sequence specifically modified at the PAI subdomain-binding motif for enhanced transposition.

Vector Map



Plasmid Resuspension Protocol

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 ℃.