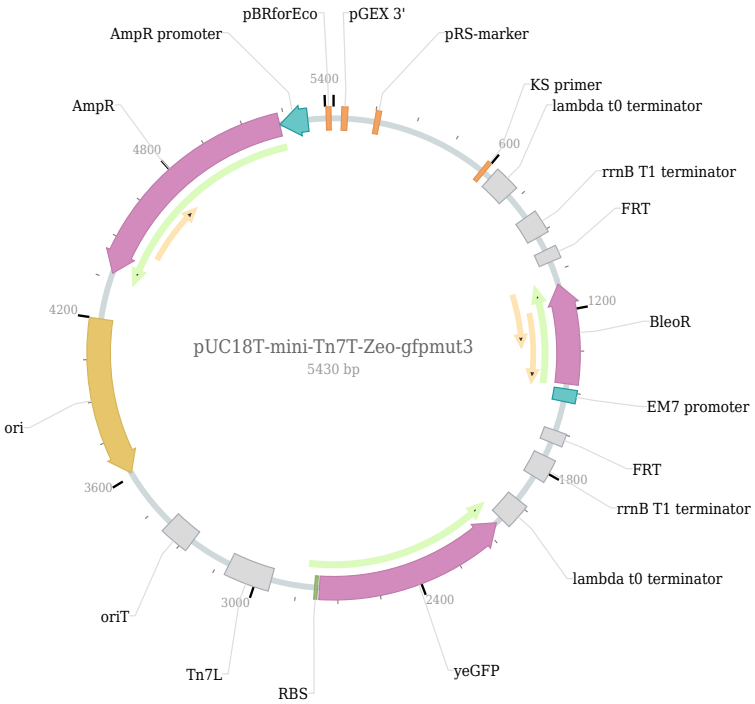
pUC18T-mini-Tn7T-Zeo-gfpmut3

Vector ID	V007398
Antibiotic Resistance	Ampicillin
Length	5430 bp
Vector Type	Bacterial Expression

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	EM7
Growth Strain(s)	DH10B
Comment	pUC18T-mini-Tn7T-Zeo-gfpmut3 utilises the mini-Tn7 transposon element to integrate a single copy of an exogenous gene into the bacterial genome at the attTn7 site. This construct combines Zeo resistance screening with GFPmut3 fluorescent labelling to enable gene editing, expression regulation, and fluorescent tracing.

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 ℃.