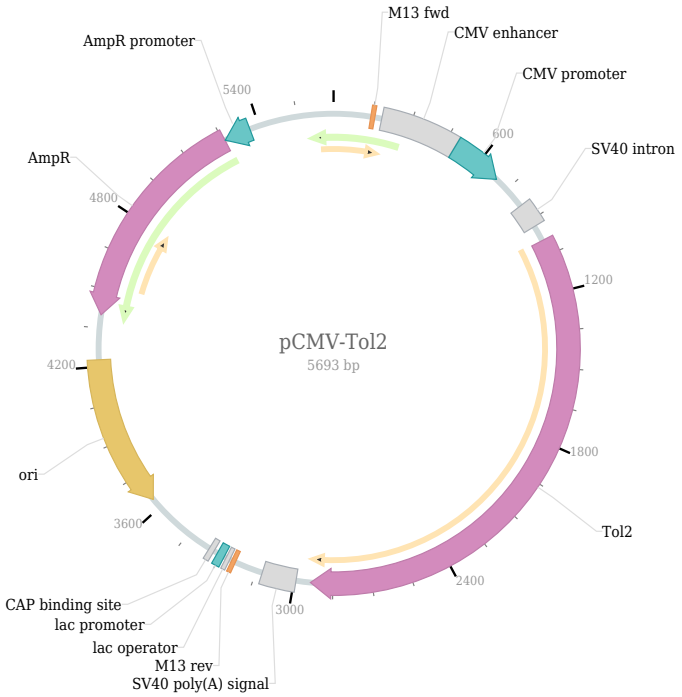
pCMV-Tol2

Vector ID	V017414
Antibiotic Resistance	Ampicillin
Length	5693 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CMV
5' Primer	CMV-F
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCMV-Tol2 is a transposase expression plasmid containing the CMV strong promoter driving Tol2 transposase expression. It synergises with the miniTol2 vector carrying the target gene to efficiently integrate the exogenous gene into the host genome, enabling stable transgene expression and functional studies.

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 ℃.