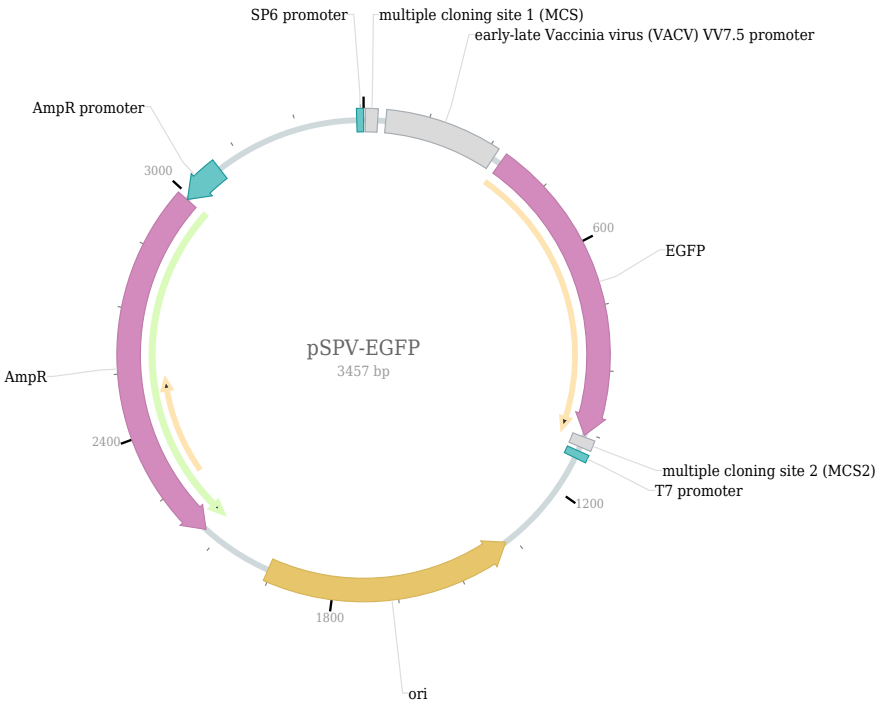
pSPV-EGFP

Vector ID	V003058
Antibiotic Resistance	Ampicillin
Length	3457 bp
Vector Type	Poxvirus recombinant transfer vector

Product Information

Replication Origin	ori
Source/Author	Luo S, Peng Y, Diel DG, Rock DL.
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pSPV-EGFP is an Orf virus (parapoxvirus) transfer vector expressing EGFP from the vaccinia VV7.5 early-late promoter, flanked by two MCSs for inserting viral homology arms. Enables rapid, fluorescence-based selection of recombinant and gene-deleted Orf viruses (Ning et al. 2011).

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 ℃.