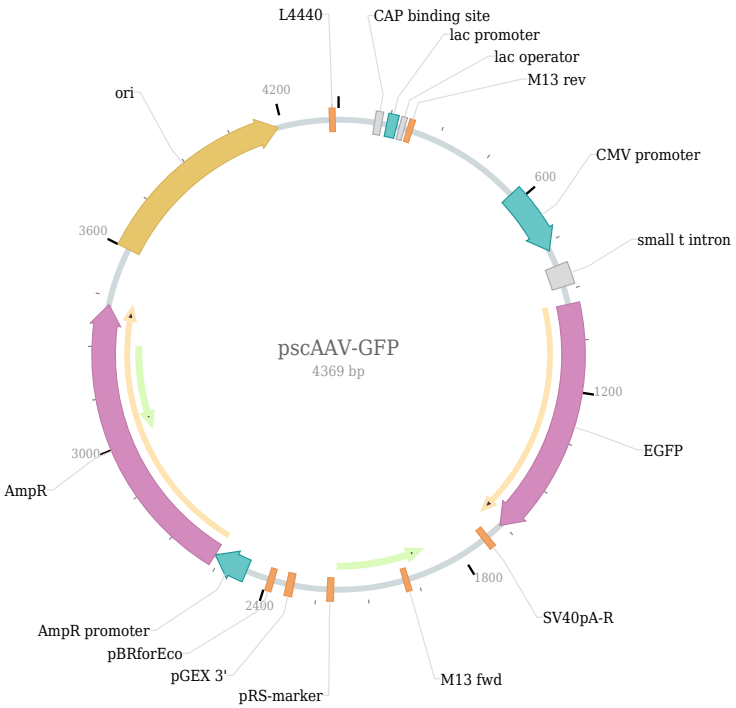
pscAAV-GFP

Vector ID	V007494
Antibiotic Resistance	Ampicillin
Length	4369 bp
Vector Type	Mammalian Expression, AAV ; Adeno-Associated Virus

Product Information

Replication Origin	ori
Copy Number	Low Copy
Promoter	CMV
Cloning Method	Restriction Enzyme
5' Primer	TGGCACCAAAATCAACGGGACTTTCCAAAATGT
3' Primer	AAAACCTCCCACACCTCCCCCTGAAC
Growth Temperature	37℃
Comment	pscAAV-GFP is a self-complementary AAV (scAAV) vector plasmid (Gray lab) with CMV-driven GFP between AAV2 ITRs. A truncated ITR yields a double-stranded genome, giving faster and stronger transgene expression than single-stranded AAV. AmpR; low copy, grow at 30 °C.

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 ℃.