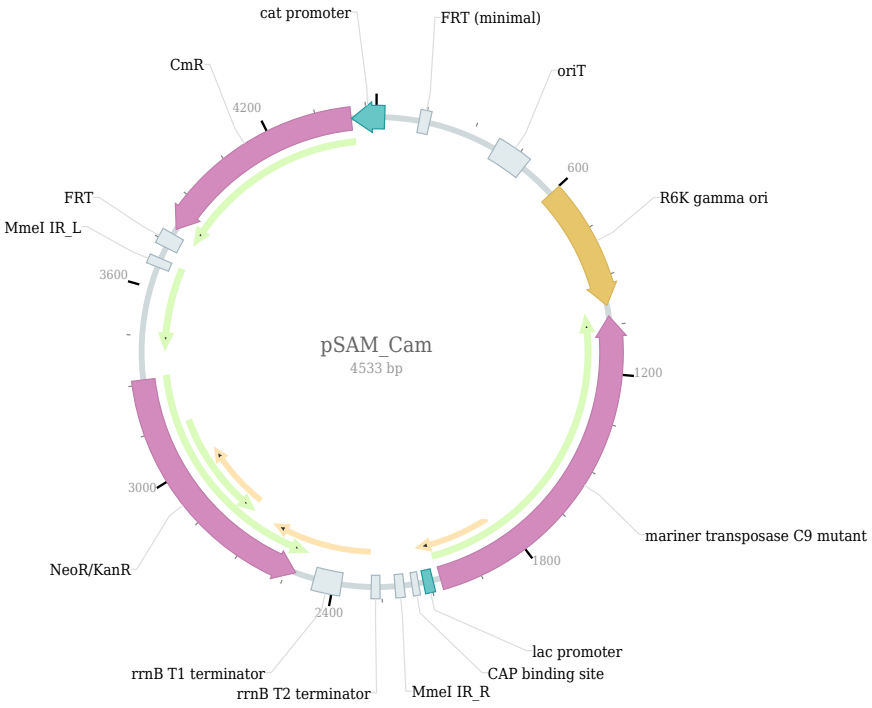
pSAM_Cam

Vector ID	V017370
Antibiotic Resistance	Chloramphenicol, Kanamycin
Length	4533 bp
Vector Type	Protein expression, Transposition
Host	E. coli

Product Information

Replication Origin	R6K γ ori
Copy Number	Low
Growth Strain(s)	S17-1λpir
Growth Temperature	37℃
Comment	Add 10 mM glucose to repress transposase. S17-1λpir may be EndA+ so extra purification steps may be necessary during miniprep. Chloramphenicol 25 μg/mL

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 ℃.