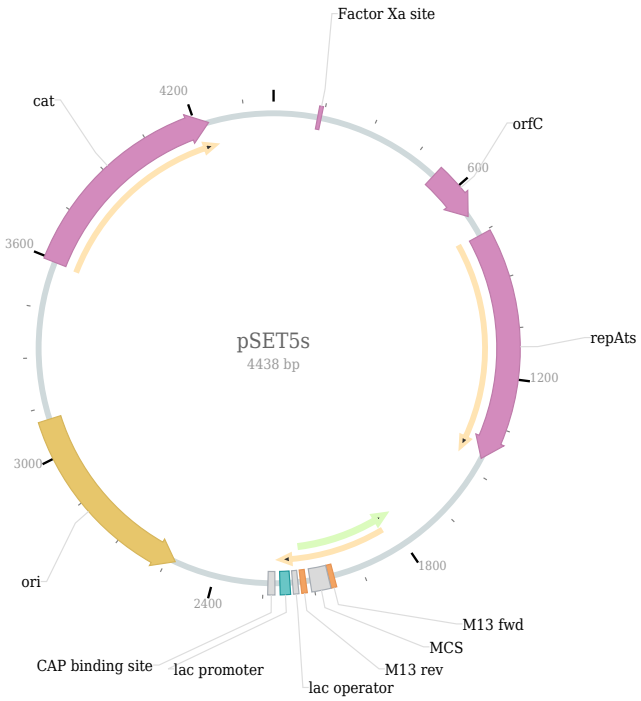
pSET5s

Vector ID	V003382
Antibiotic Resistance	Chloramphenicol
Length	4438 bp
Vector Type	Thermosensitive suicide vector

Product Information

Replication Origin	ori
Source/Author	Takamatsu D, Osaki M, Sekizaki T.
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pSET4s, pSET5s, and pSET6s are three thermosensitive (Ts) suicide vectors used for gene replacement in Streptococcus suis. These vectors could be propagated at 37°C in Escherichia coli, but their replication was blocked above 37°C in S. suis. orfC, replication regulatory protein; repATs, thermosensitive replication initiation–termination protein.

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 ℃.