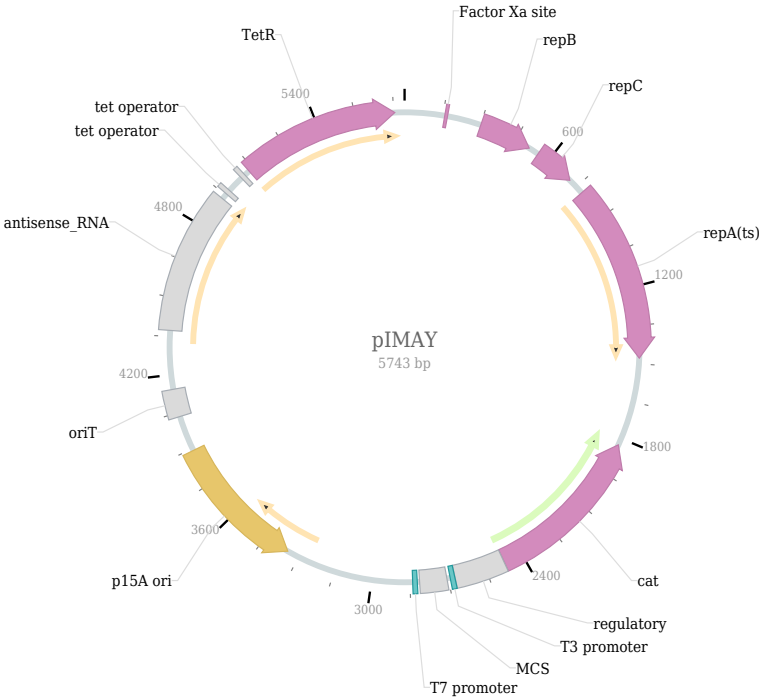
pIMAY

Vector ID	V005433
Antibiotic Resistance	Chloramphenicol
Length	5743 bp
Vector Type	Staphylococcal allelic exchange vector

Product Information

Replication Origin	p15A ori
Source/Author	Monk IR, Shah IM, Xu M, Tan MW, Foster TJ.
Copy Number	Low copy number
Promoter	T3
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pIMAY is a E. coli/staphylococcal temperature-sensitive plasmid for allelic exchange. E.coli bearing pIMAY MUST be cultured at 37℃ in Chloramphenicol (10μg/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 ℃.