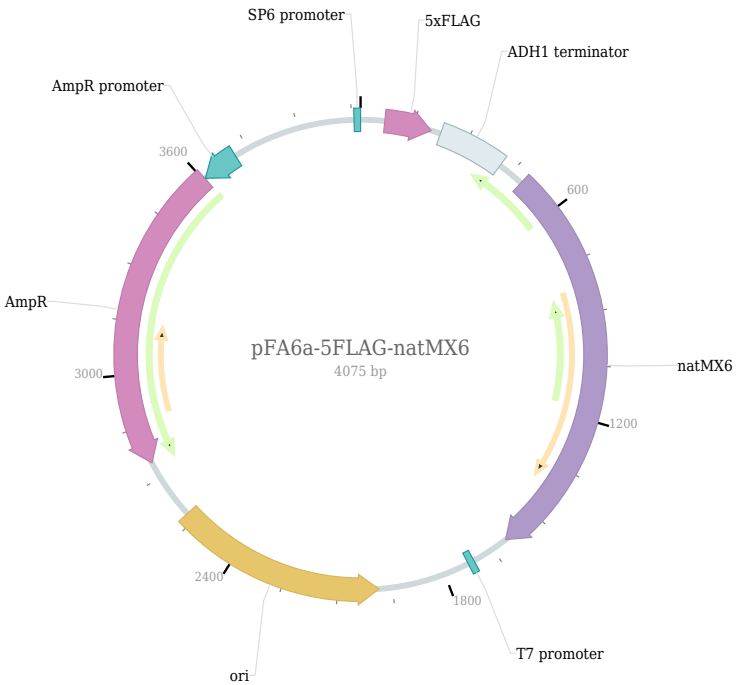
pFA6a-5FLAG-natMX6

Vector ID	V006369
Antibiotic Resistance	Ampicillin
Length	4075 bp
Vector Type	Tagging vector
Host	Yeast

Product Information

Replication Origin	ori
Source/Author	Noguchi C, Garabedian MV, Malik M, Noguchi E.
Copy Number	High copy number
Promoter	TEF
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pFA6a-5FLAG-natMX6 is a yeast integration vector used for C-terminal gene tagging. It enables targeted genomic insertion to fuse a 5×FLAG epitope tag to a protein of interest, with selection in yeast via the nourseothricin resistance marker natMX6.

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 ℃.