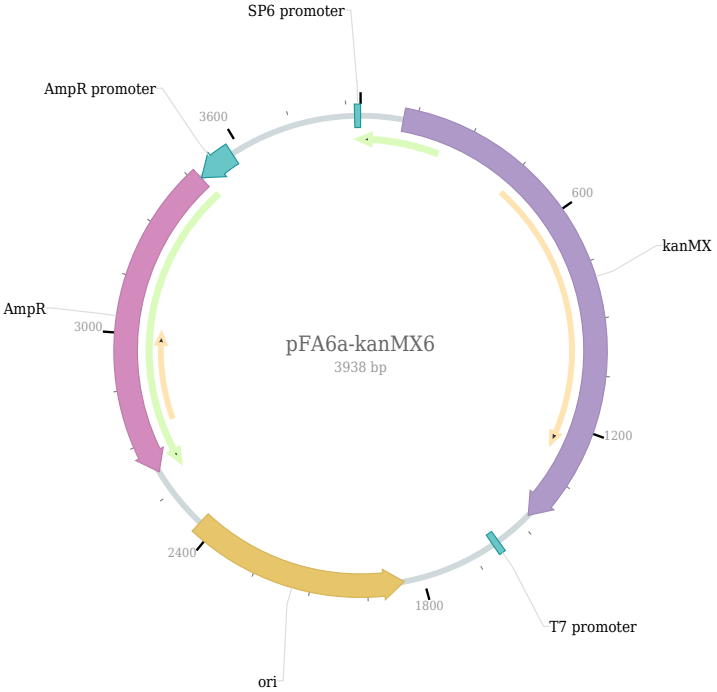
pFA6a-kanMX6

Vector ID	V010292
Antibiotic Resistance	Ampicillin
Length	3938 bp
Vector Type	Yeast Plasmids
Host	Yeast

Product Information

Replication Origin	ori
Source/Author	Longtine MS, McKenzie A, Demarini DJ, Shah NG, Wach A, Brachat A,
Copy Number	High copy number
Promoter	TEF
Growth Temperature	37℃
Comment	pFA6a-kanMX6 is a yeast shuttle vector designed for PCR-based gene targeting. It contains a kanMX6 module (conferring G418 resistance in yeast) driven by the A. gossypii TEF promoter/terminator, an ampicillin resistance gene for bacterial selection, and is used for gene deletion or modification in yeast via homologous recombination.

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 ℃.