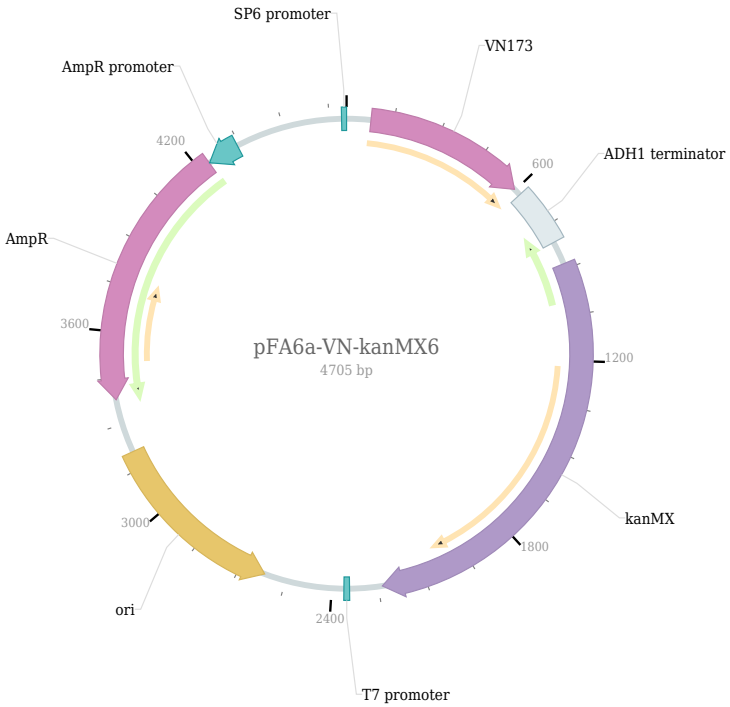
pFA6a-VN-kanMX6

Vector ID	V006307
Antibiotic Resistance	Ampicillin
Length	4705 bp
Vector Type	Yeast tagging vector
Host	Yeast

Product Information

Replication Origin	ori
Source/Author	Sung MK, Huh WK.
Promoter	TEF
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pFA6a-VN-kanMX6 is a yeast shuttle vector derived from the pFA6a series, designed for PCR-based gene tagging or deletion. It features the kanMX6 module, conferring G418 resistance in yeast, and is engineered for C-terminal Venus fluorescent protein (VN) fusion to enable protein localization studies in vivo.

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 ℃.