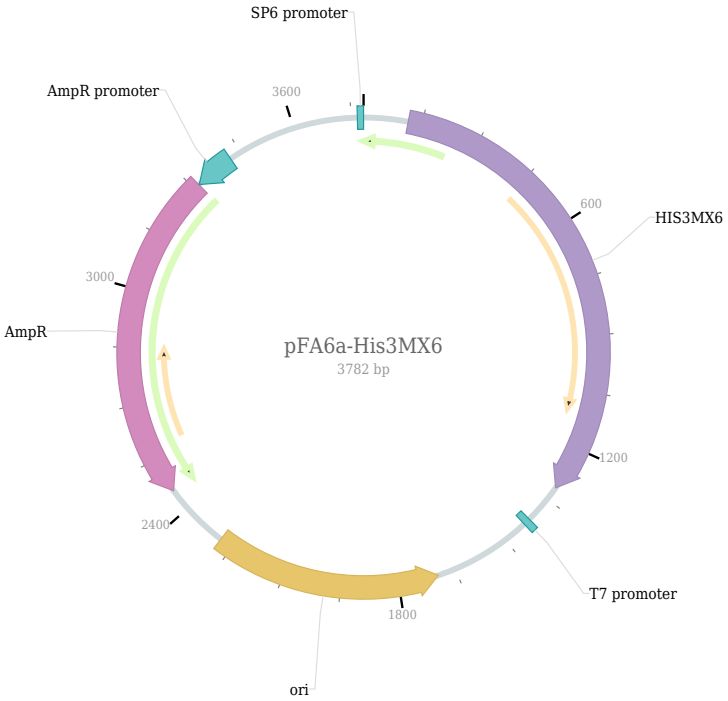
pFA6a-His3MX6

Vector ID	V010298
Antibiotic Resistance	Ampicillin
Length	3782 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 Strain(s)	DH10B
Comment	pFA6a-His3MX6 is a pFA6a-derived yeast targeting template. Its HIS3MX6 cassette—TEF1p–S. kluyveri HIS3–TEF1t—is PCR-amplified with flanking homology to drive gene deletion, C-terminal tagging, or promoter swap via homologous recombination in S. cerevisiae, selected on SC-His.

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 ℃.