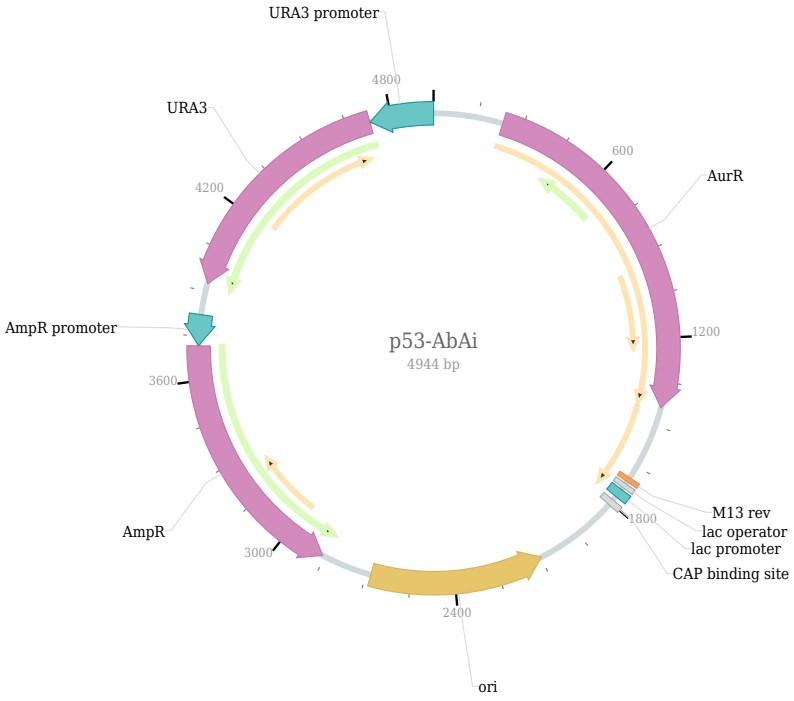
p53-AbAi

Vector ID	V001136
Antibiotic Resistance	Ampicillin
Length	4944 bp
Vector Type	Yeast one hybrid systems
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	URA3
Promoter	URA3
Growth Temperature	37℃
Comment	p53-AbAi is a yeast reporter plasmid used to study p53 transcriptional activity. It contains a p53-responsive promoter upstream of the AbArreporter gene, allowing for selection with the antibiotic aureobasidin A to screen for functional p53 protein.

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 ℃.